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FOREWORD

The U.S. Environmental Protection Agency, under a series of documents exchanges with foreign governments and international organizations, is collecting environmental reports from around the world. This publication, a monthly announcement of documents received by EPA under the exchanges, is distributed to EPA staff and is available to others through the National Technical Information Service (NTIS). See inside cover for subscription rates.

Index System

In each issue the document summaries are grouped by subject, by category of document, and by country. Subject areas, which reflect EPA programs, include:

air	pesticides
water	toxic substances
noise	radiation
solid wastes	land use

Categories of documents are:

1. general
2. legal/legislative/regulatory (LR)
3. planning/management/organization (PM)
4. scientific/technical (ST)
5. socio/economic (SE)

Summaries covering more than one subject are cross-referenced in the Table of Contents. Abstracts appear only once, however, under the primary subject heading marked by an asterisk. For example a British report on "Disposal of Awkward Household Wastes" is indexed under pesticides, solid wastes, water, and toxic substances. The summary appears only once, under solid wastes, but the report title is listed with the EPA ID number under each of the other headings.

Explanation of the codes and abbreviations used with each summary is on page ii.

Translations

EPA staff may request more extensive abstracts or full text translations. EPA Form 1350-1, Translations Services Requisition, is used to order translations through the Library Systems Branch. Translation services, which are available only to EPA staff are expensive and should be requested only when essential. Payment is made by the requesting office.

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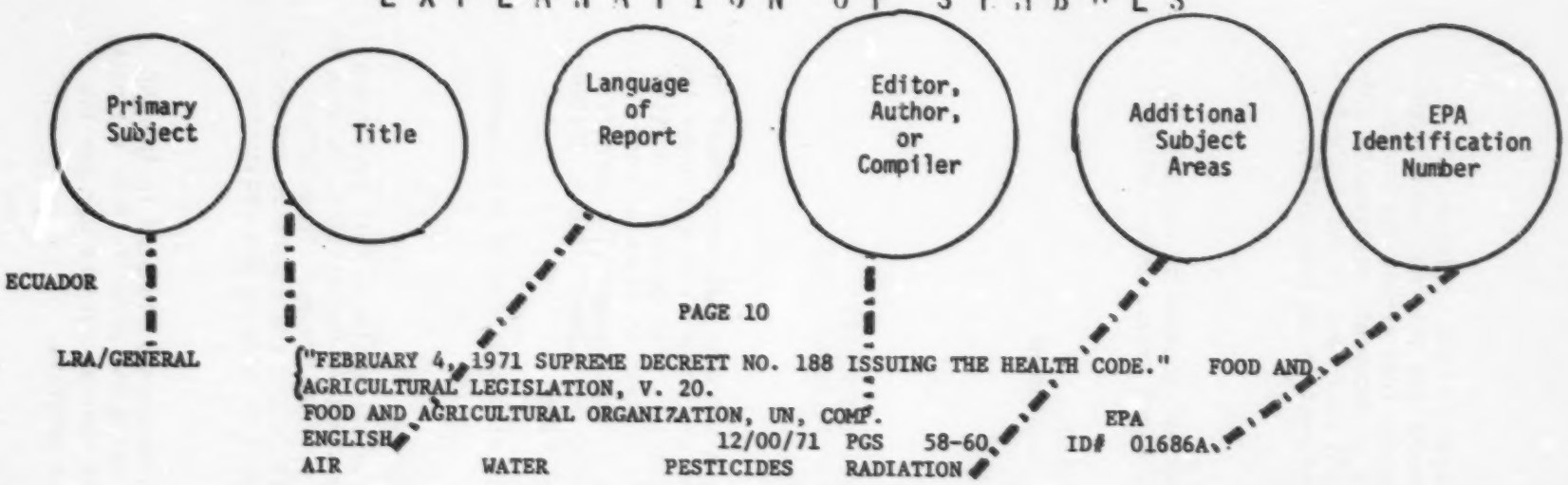
Primary Subject
Title
Language of Report
Editor, Author, or Compiler
Additional Subject Areas
EPA Identification Number
ECUADOR
LRA/GENERAL
PAGE 10
"FEBRUARY 4, 1971 SUPREME DECRETT NO. 188 ISSUING THE HEALTH CODE." FOOD AND AGRICULTURAL LEGISLATION, V. 20.
FOOD AND AGRICULTURAL ORGANIZATION, UN, COMP.
ENGLISH 12/00/71 PGS 58-60 EPA ID# 01686A
AIR WATER PESTICIDES RADIATION

THIS COMPREHENSIVE HEALTH DECREE ASSIGNS TO THE EXECUTIVE, ACTING THROUGH THE MINISTRY OF PUBLIC HEALTH, RESPONSIBILITIES IN THE POLITICAL, SOCIAL, AND ECONOMIC SPHERES AS REGARDS PUBLIC HEALTH AND THE ENVIRONMENT AND TO THE NATIONAL HEALTH DIRECTORATE RESPONSIBILITIES IN THE TECHNICAL AND ADMINISTRATIVE SPHERE AND IN THE FORMULATION OF DIRECTIVES AND IN ENFORCEMENT AND EVALUATION.

LRA - LEGAL TEXT

LRB - LEGAL COMMENTARY

Each original law has the letter A following the EPA identification number. Additional directly related legislation will have the same identification number and a subsequent alphabetical letter.

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PM(B) — GERMAN — PGS 1-69 — EPA ID# 03675A
ALSO SE AND LRB
*GENERAL SOLID WASTE

BRAZIL — "BRAZIL NEED NOT IMPORT ANTIPOLLUTION EQUIPMENT." O GLOBO
SE( ) — PORTUGUESE — 02/18/76 — PGS 6 — EPA ID# 03663A
WATER

THE IMPLEMENTATION OF THE GENERAL DIRECTIVES OF THE BRAZILIAN FEDERAL GOVERNMENT CONCERNING ENVIRONMENTAL PROTECTION DEEPLY INVOLVES THE STATE TECHNOLOGICAL COMPANY FOR BASIC SANITATION AND ENVIRONMENTAL PROTECTION IN SAO PAULO. ACCORDING TO THIS ARTICLE, THE COMPANY HAS DETERMINED THAT MOST OF THE NECESSARY POLLUTION CONTROL EQUIPMENT NEED NOT BE IMPORTED INTO BRAZIL. BI-MONTHLY MEETINGS BETWEEN THE COMPANY AND INDUSTRIALISTS PROVIDE FOR AN EXCHANGE OF INFORMATION FOR THE CONTROL OF WATER AND AIR POLLUTION AND HAVE RESULTED IN THE PUBLICATION OF AN APPROVED LIST OF 37 FIRMS CAPABLE OF PRODUCING THE APPROPRIATE ANTIPOLLUTION EQUIPMENT NEEDED IN BRAZIL.

CUBA — "POLLUTION IN CUBA." JOINT PUBLICATIONS RESEARCH SERVICE, TRANSLATIONS ON LATIN AMERICA, NO. 1291
PM(B) — ENGLISH — 04/22/75 — PGS 24-26 — EPA ID# 03660A
*WATER PESTICIDES SOLID WASTE

EUROPEAN COMMUNITIES — "EC IS FOR POLLUTION SAFETY STANDARDS." LE SOIR
LR(B) — FRENCH — 03/02/76 — PGS 4 — EPA ID# 03633A

IN AN EFFORT TO PROTECT EUROPEAN URBAN POPULATIONS FROM THE COMBINED EFFECTS OF ATMOSPHERIC SULFUR DIOXIDE AND PARTICULATE MATTER, THE EC COMMISSION HAS SUBMITTED TO THE COUNCIL OF MINISTERS A PROPOSAL FOR A DIRECTIVE ON THE ESTABLISHMENT OF AMBIENT SAFETY STANDARDS FOR THESE POLLUTANTS. MAXIMUM PERMISSIBLE YEARLY, SEASONAL, AND 24 HOUR CONCENTRATIONS ARE PROVIDED FOR IN THE PROPOSAL, WHICH WOULD TAKE EFFECT IN 1982. ALSO INCLUDED ARE EXCEPTIONAL 24 HOUR CONCENTRATIONS WHICH WOULD BE TOLERATED BETWEEN 1982 AND 1987, PRIOR TO THE ADOPTION OF EMISSION CONTROL MEASURES.

FINLAND "AIR POLLUTANTS CATALOGED." HUFVUDSTADSBLADET

PM(B) SWEDISH 02/04/76 PGS 14 EPA ID# 03637A

A WORKING GROUP FROM THE ENVIRONMENTAL PROTECTION DIVISION OF THE DEPARTMENT OF THE INTERIOR HAS CONCLUDED THAT MORE THAN 10,000 INSTALLATIONS IN FINLAND POLLUTE THE AIR AND RECOMMENDS THAT THEY AT LEAST BE SUBJECT TO SOME SORT OF REGISTRATION. THE ESTABLISHMENTS WERE DIVIDED INTO THREE CATEGORIES ACCORDING TO THE DEGREE OF THEIR POLLUTION. FOR A GROUP OF 355 HEAVY POLLUTERS A PERMIT REQUIREMENT WAS RECOMMENDED. THIS GROUP INCLUDED NUCLEAR REACTORS, FOUNDRIES, CERTAIN POWER PLANTS, OIL REFINERIES AND FERTILIZER FACTORIES. BARNS AND PIGSTIES WERE IN THE MAJORITY AMONG THE ACTIVITIES WHICH WOULD REQUIRE REGISTRATION. SLAUGHTERHOUSES, BREWERIES, AND PAPER, LEATHER, TOBACCO, AND COFFEE FACTORIES ALSO WERE INCLUDED IN THIS CATEGORY. ABOUT 29 PERCENT OF THE WORST OFFENDERS ARE FOUND IN THE COUNTY OF NYLAND, 18 PERCENT IN THE COUNTY OF ABO AND BJORNEBORG AND 13 PERCENT IN THE COUNTY OF TAVASTEHUS. IN A DRAFT AIR POLLUTION LAW IN 1975, A SIX-YEAR PRISON TERM WAS RECOMMENDED FOR SOME POLLUTING OFFENSES.

FRANCE "GOVERNMENT DECIDES ON THE CREATION OF A NATIONAL POLLUTION CONTROL AGENCY."
LE MONDE

PM(A) FRENCH 05/13/76 PGS 34 EPA ID# 03632A
ALSO LRB
WATER GENERAL

THE MAY 12, 1976 FRENCH COUNCIL OF MINISTERS MEETING, WHICH CONCERNED ITSELF WITH THE ENVIRONMENT, WAS RESPONSIBLE FOR A NUMBER OF SIGNIFICANT DECISIONS. THESE DECISIONS, DEALING WITH VARIOUS ASPECTS OF THE ENVIRONMENT, ARE DISCUSSED IN THIS ARTICLE. WITH REGARD TO WATER, THE 12 YEAR POLLUTION ABATEMENT PLAN SUBMITTED BY THE STATE SECRETARY FOR THE ENVIRONMENT, WHICH WOULD REDUCE THE 1988 POLLUTION LEVEL TO A FRACTION OF THE 1970 LEVEL, WAS APPROVED. AS REGARDS AIR POLLUTION, THE GOVERNMENT AGREED TO UNDERTAKE THE PRELIMINARY STUDIES ESSENTIAL TO THE CREATION OF A NATIONAL AIR AGENCY MODELED ON THE BASIN FINANCE AGENCIES. LAND AND GROUNDWATER PROTECTION ARE EXPECTED TO BE MORE EFFECTIVELY ENSURED BY THE NEW LAW ON CLASSIFIED ESTABLISHMENTS, WHICH IS PRESENTLY BEING CONSIDERED IN THE SENATE AND WHICH IS TO APPLY TO QUARRIES.

AIR

FRANCE

PM(B)

"THREE FACTORIES IN THE MEADOWS." LE MONDE
AMBROISE-RENDU, MARC
FRENCH 06/09/76 PGS 32 EPA ID# 03640A
*GENERAL WATER

GERMANY,FED REP OF

LR(A)

"APRIL 8, 1975 ADMINISTRATIVE REGULATION ON DETERMINATION OF AIR QUALITY IN HEAVILY POLLUTED AREAS." GEMEINSAMES MINISTERIALBLATT, NO. 14
GERMANY, FED REP OF. FEDERAL MINISTRY OF THE INTERIOR EPA
GERMAN 04/08/75 PGS 358-365 ID# 02033R

THIS FOURTH GENERAL ADMINISTRATIVE PROVISION IN IMPLEMENTATION OF THE MARCH 15, 1974 FEDERAL IMMISSIONS (NUISANCE) CONTROL LAW APPLIES TO HEAVILY POLLUTED AREAS, WHICH ARE DEFINED IN SECTION 44, PARAGRAPH 2 OF THE LAW. IT CONTAINS INSTRUCTIONS ON THE SUBSTANCES IN THE AIR TO BE MEASURED, THE NUMBER AND POSITIONING OF THE MEASURING STATIONS, THE MEASURING PROCEDURE AND EQUIPMENT, AND THE METHOD OF EVALUATING THE MEASUREMENT RESULTS. SUBSTANCES TO BE MEASURED ARE: DUST, SULFUR DIOXIDE, NITROGEN OXIDES, CARBON MONOXIDE AND GASEOUS ORGANIC COMPOUNDS (EXCLUSING METHANE), AS WELL AS THE LIMITING METEOROLOGICAL FACTORS OF WIND DIRECTION, WIND SPEED AND AIR TEMPERATURE. STATE AUTHORITIES ARE TO DESIGNATE AREAS IN WHICH MEASUREMENTS WILL BE MADE. THE FEDERAL MINISTER OF THE INTERIOR, AFTER CONSULTATION WITH THE APPROPRIATE STATE AUTHORITIES, IS TO ANNOUNCE THE EQUIPMENT SUITABLE FOR TAKING THE MEASUREMENTS. THE RESULTS OF THE MEASUREMENTS ARE TO BE REPORTED IN CONFORMANCE WITH MODEL FORMS APPENDED TO THE ADMINISTRATIVE PROVISION.

GERMANY,FED REP OF

LR(A)

"JUNE 3, 1975 GENERAL ADMINISTRATIVE PROVISION PURSUANT TO THE FIRST ORDINANCE FOR IMPLEMENTATION OF THE FEDERAL IMMISSIONS LAW." GEMEINSAMES MINISTERIALBLATT, NO. 18
GERMANY, FED REP OF. FEDERAL MINISTRY OF THE INTERIOR EPA
GERMAN 06/06/75 PGS 429-436 ID# 02033S

THIS ADMINISTRATIVE PROVISION PURSUANT TO THE ORDINANCE ON FURNACES, ISSUED BY THE FEDERAL MINISTRY OF THE INTERIOR WITH APPROVAL OF THE FEDERAL COUNCIL, APPLIES TO FURNACES SPECIFIED IN THE FIRST ORDINANCE FOR IMPLEMENTATION OF THE FEDERAL IMMISSIONS (NUISANCE) CONTROL LAW. IT THEREFORE APPLIES ONLY TO FURNACES FOR SOLID AND LIQUID FUELS THAT DO NOT REQUIRE PERMITS UNDER THE LAW. IT CONTAINS INSTRUCTIONS ON THE DETERMINATION OF THE GRAY VALUE OF SMOKE, THE LIMITING OF EMISSIONS FROM FURNACES WITH EVAPORATOR BURNERS, THE LIMITING OF EMISSIONS FROM FURNACES WITH ATOMIZATION BURNERS AND LARGER EVAPORATOR BURNERS, THE LIMITING OF EMISSIONS FROM SMALLER FURNACES FOR SOLID FUELS, AND THE LIMITATION OF EMISSIONS FROM LARGE FURNACES FOR SOLID FUELS. THE PROVISION ALLOWS LOCAL AUTHORITIES TO SET SPECIAL REQUIREMENTS FOR FURNACES ACCORDING TO LOCAL CONDITIONS AND TO GRANT EXCEPTIONS. RULES FOR THE SUPERVISION OF FURNACES BY THE AUTHORITIES ARE GIVEN. FINES ARE TO BE LEVIED ONLY IN CASES OF REPEATED VIOLATION OF THE ORDINANCE.

AIR

GERMANY,FED REP OF

LR(A)

"EUROPEAN COMMUNITIES - MAINTENANCE OF CLEAN AIR; DECISION ON THE EXCHANGE OF INFORMATION...REGARDING...AIR POLLUTION...." GEMEINSAMES MINISTERIALBLATT, NO. 33
GERMANY, FED REP OF. MINISTRY OF THE INTERIOR EPA
GERMAN 10/31/75 PGS 733-736 ID# 03660A

THIS CIRCULAR LETTER OF THE FEDERAL GERMAN MINISTRY OF THE INTERIOR REPORTS THE ADOPTION OF THE EUROPEAN COMMUNITIES COUNCIL OF THE "DECISION ON THE EXCHANGE OF INFORMATION BETWEEN SUPERVISING AND MONITORING NETWORKS REGARDING DATA ON AIR POLLUTION BY CERTAIN SULFUR COMPOUNDS AND PARTICULATES." THE INTERIOR MINISTER REQUESTS THE STATE AUTHORITIES RESPONSIBLE FOR CLEAN AIR PROGRAMS TO SUPPLY INFORMATION NECESSARY FOR THE PROGRAM BY OCTOBER 1, 1975. THE TEXT OF THE DECISION, ADOPTED BY THE COUNCIL ON JUNE 24, 1975, IS APPENDED. IT FORESEES COMPILATION OF DATA ON ONLY TWO AIR POLLUTANTS AND IS LIMITED TO A THREE-YEAR PROGRAM, WHICH WILL SERVE AS THE BASIS FOR A MORE COMPLETE DATA EXCHANGE IN THE FUTURE. AVERAGE DAILY VALUES ARE TO BE REPORTED BY PARTICIPATING STATIONS FOR SULFUR COMPOUNDS (SULFUR DIOXIDE AND HEAVY ACID AIR CONTENT FROM SULFUR DIOXIDE) AND FOR PARTICULATES (GRAVIMETRIC MEASUREMENTS OR BLACK SMOKE). THE COMMISSION WILL COMPILE QUARTERLY TABLES OF THE RESULTS AND DISTRIBUTE A YEARLY REPORT TO MEMBER STATES.

SWEDEN

LR(B)

"DECISION BY THE NATIONAL ENVIRONMENT PROTECTION BOARD - APPLICANT: KARLSHAMN VEGETABLE OIL FACTORY, LTD." ENVIRONMENT CANADA TRANSLATION 00ENV TR - 986
SWEDEN. NATIONAL SWEDISH ENVIRONMENT PROTECTION BOARD EPA
ENGLISH 00/00/74 PGS 1-23 ID# 03655A
•GENERAL WATER SOLID WASTE TOXIC SUBS

SWEDEN

PM(B)

AIR POLLUTION ACROSS NATIONAL BOUNDARIES. THE IMPACT ON THE ENVIRONMENT OF SULFUR IN AIR AND PRECIPITATION
SWEDEN. ROYAL MINISTRY FOR FOREIGN AFFAIRS EPA
ENGLISH 08/00/71 PGS 1-96 ID# 03649A

THIS REPORT, SWEDEN'S CASE STUDY FOR THE 1972 UNITED NATION'S CONFERENCE ON THE HUMAN ENVIRONMENT, DEALS WITH THE PROBLEMS OF THE EMISSION OF SULFUR INTO THE ATMOSPHERE. A RATHER DETAILED ANALYSIS IS PRESENTED OF HOW SUCH EMISSIONS CAUSE DAMAGE TO THE ENVIRONMENT BOTH IN THE FORM OF SULFUR DIOXIDE IN THE AIR AND AS SULFURIC ACID DEPOSITED ON THE GROUND. AN ATTEMPT IS MADE TO ASSESS THIS DAMAGE IN SWEDEN, AND TECHNIQUES AVAILABLE FOR RESTRICTING THE EMISSIONS AND THEIR COST ARE DISCUSSED.

GENERAL

AUSTRIA

"ENVIRONMENTAL PROTECTION - LEGISLATIVE DEVELOPMENTS." DEPARTMENT OF STATE AIRGRAM, AMEMBASSY VIENNA, NO. A-157
UNITED STATES. DEPARTMENT OF STATE EPA
LR(B) ENGLISH 05/18/76 PGS 1-6 ID# 03636A

THIS REPORT BRIEFLY DESCRIBES MAJOR AUSTRIAN LEGISLATION SERVING ENVIRONMENTAL PROTECTION GOALS. THERE IS NO COMPREHENSIVE NATIONAL ENVIRONMENTAL LAW AT PRESENT. SO PROVISIONS ARE CONTAINED IN VARIOUS LAWS DEALING WITH AREAS IN WHICH THE FEDERAL GOVERNMENT HAS CONSTITUTIONAL JURISDICTION. LAWS CONSIDERED INCLUDE THE 1973 TRADE REGULATIONS, THE 1959 WATER LAW ACT, THE 1967 MOTORING LAW, THE 1960 ROAD TRAFFIC LAW, THE LAKE TRAFFIC LAW, THE 1957 AVIATION LAW, THE RADIATION PROTECTION LAW, AND THE 1975 FORESTRY LAW. A DRAFT NATIONAL ENVIRONMENTAL PROTECTION LAW HAS BEEN IN PREPARATION BY THE FEDERAL MINISTRY FOR HEALTH AND ENVIRONMENTAL PROTECTION FOR MANY YEARS, BUT THE STATES MIGHT BE UNWILLING TO GRANT THE FEDERAL GOVERNMENT MAJOR LEGISLATIVE JURISDICTION FOR THE ENVIRONMENT. THE DRAFT LAW WOULD PROVIDE FOR UNIFORM NATIONAL EMISSIONS AND IMMISSIONS LIMITS, AN ENVIRONMENTAL ALERT SYSTEM, A MONITORING SYSTEM, IMMISSION AND EMISSION REGISTERS, AND ENVIRONMENTAL IMPACT STATEMENTS.

AUSTRIA

UMWELTPROBLEME. ENERGIESORGEN. DAS ORL-IUE TEAM HILFT (ENVIRONMENTAL PROBLEMS. ENERGY CONCERNS. THE ORL-IUE TEAM WILL HELP)
AUSTRIAN CLEAN AIR SOCIETY EPA
PM(B) GERMAN PGS 1-69 ID# 03675A
ALSO SE AND LRB
AIR SOLID WASTE

THIS BROCHURE IS ISSUED BY THE AUSTRIAN CLEAN AIR SOCIETY (ORL) AND THE INSTITUTE FOR ENVIRONMENTAL PROTECTION AND EMISSIONS QUESTIONS (IUE), COOPERATIVELY ASSOCIATED PRIVATE ORGANIZATIONS WHICH FULFILL RESEARCH AND ADVISORY FUNCTIONS FOR THEIR MEMBERS. IN THE PAST, THEY HAVE INVESTIGATED EMISSIONS IN THE IRON AND STEEL AND IN THE STONE AND CERAMIC INDUSTRIES FOR THE FEDERAL MINISTRY OF HEALTH AND ENVIRONMENTAL PROTECTION. MAJOR SECTIONS OF THE BROCHURE DELINEATE THE DUTIES, STRUCTURE, AND PERSONNEL OF THE "ORL-IUE TEAM." OTHER ARTICLES DEAL WITH: ENVIRONMENTAL PROTECTION AND ENERGY, IUE, ENVIRONMENTAL PROTECTION IN THE CEMENT AND LIME INDUSTRY, ENVIRONMENTAL PROTECTION IN THE IRON-PRODUCING INDUSTRY, ENVIRONMENTAL PROBLEMS OF SMALLER CONCERNS, WASTE TREATMENT TODAY AND TOMORROW, LARGE-SCALE DATA COLLECTION AND ENVIRONMENTAL PROTECTION, NEW LEGAL PROVISIONS FOR CLEAN AIR MAINTENANCE, AND FINANCIAL-POLITICAL QUESTIONS OF ENVIRONMENTAL PROTECTION.

GENERAL

CANADA

"CANADIAN ENVIRONMENT GETS PROTECTION." THE CITIZEN
SIMMONS, MARLENE
EPA
LR(B) ENGLISH 04/01/76 PGS 64 ID# 03619A

THE CANADIAN ENVIRONMENTAL CONTAMINANTS ACT, COMING INTO FORCE ON APRIL 1, 1976, IS DISCUSSED IN THIS ARTICLE. THE ACT GIVES THE ENVIRONMENT DEPARTMENT THE POWER TO CONTROL THE DISCHARGE OF SPECIFIED CONTAMINANTS INTO THE ENVIRONMENT, BUT AN ANALYSIS OF THE ACT CONCLUDES THAT THE ACT WILL BE ONLY AS POWERFUL AS THE ENVIRONMENT MINISTER CHOOSES TO MAKE IT. THE APPLICATION OF THE ACT BY THE CURRENT MINISTER WILL HAVE A STRONG, PRECEDENT-SETTING INFLUENCE WITHIN THE ENVIRONMENT DEPARTMENT AND ON FUTURE MINISTERS. CRITICS OF THE ACT ALSO CITE THE GOVERNMENT'S EXCLUSIVE ROLE IN INITIATING INVESTIGATIONS UNDER THE ACT AND THE LACK OF PROVISION OF PUBLIC INFORMATION SYSTEMS CONCERNING ENVIRONMENTAL CONTAMINANTS. HOWEVER, PROPONENTS OF THE ACT SAY THAT PUBLIC CONCERNS AND COMMENTS WILL BE DULY CONSIDERED BY THE GOVERNMENT. THE NEW ACT IS RESIDUAL LEGISLATION, MEANING IT WILL TAKE EFFECT ONLY IF OTHER PROVINCIAL OR FEDERAL LEGISLATION CANNOT BE USED TO CONTROL CONTAMINANTS.

CANADA

"DECEMBER 2, 1975 ENVIRONMENTAL CONTAMINANTS ACT." CANADA GAZETTE, PART III, VOL. 1, NO. 12, 1975
EPA
LR(A) ENGLISH* 00/00/75 PGS 1-21 ID# 03631A
*ALSO FRENCH

THIS ACT, COMING INTO FORCE ON APRIL 1, 1976, EMPOWERS THE CANADIAN MINISTER OF ENVIRONMENT AND THE MINISTER OF NATIONAL HEALTH AND WELFARE TO CONDUCT INVESTIGATIONS AND MAKE RECOMMENDATIONS REGARDING ENVIRONMENTAL AND HUMAN HEALTH DANGERS CAUSED BY THE RELEASE OF SUBSTANCES INTO THE ENVIRONMENT. TO THIS END THE MINISTERS MAY APPOINT ADVISORY COMMITTEES, MAKE USE OF GOVERNMENT SERVICES, AND ENTER INTO AGREEMENTS WITH PROVINCIAL GOVERNMENTS. PROCEDURES ARE SET FORTH FOR PROMULGATING ORDERS AND REGULATIONS BASED ON THE REPORTS OF ENVIRONMENTAL CONTAMINANTS BOARDS OF REVIEW WHENEVER NOTICES OF OBJECTIONS AGAINST THE RELEASE OF SUBSTANCES INTO THE ENVIRONMENT ARE RECEIVED. PROVISIONS CONCERNING EMERGENCIES, OFFENSES AND THE DESIGNATIONS AND POWERS OF ANALYSTS AND INSPECTORS ARE ALSO OUTLINED IN THE ACT. THE GOVERNOR IN COUNCIL MAY MAKE REGULATIONS ON THE CONCENTRATIONS AND CONDITIONS OF RELEASE OF SUBSTANCES, THE USE AND MANUFACTURE OF SUBSTANCES, METHODS OF SAMPLING AND ANALYSIS, AND THE GENERAL IMPLEMENTATION OF THE PROVISIONS OF THE ACT.

GENERAL

CANADA

AN ENVIRONMENTAL ASSESSMENT OF NANAIMO PORT ALTERNATIVES
CANADA. ENVIRONMENT CANADA
EPA

PM(B) ENGLISH 01/00/74 PGS 1-63 ID# 03688A

IN APRIL 1973, AN ENVIRONMENT CANADA TASK FORCE WAS DIRECTED TO INVESTIGATE THE ENVIRONMENTAL DISRUPTION WHICH WOULD BE CAUSED BY THE CONSTRUCTION AND OPERATION OF A LUMBER TRANSSHIPMENT FACILITY AT NANAIMO, B.C. THIS PAPER DRAWS TOGETHER THE FINDINGS OF THE TASK FORCE. A TOTAL OF FOUR ALTERNATIVE LOCATIONS FOR THE FACILITY WERE INVESTIGATED AND THE FINDINGS FOR EACH OF THESE LOCATIONS ARE PRESENTED. BASED ON THESE FINDINGS ARE RECOMMENDATIONS FOR ACHIEVING THE OBJECTIVES OF MAINTENANCE OR ENHANCEMENT OF ENVIRONMENTAL QUALITY AND THE OPTIMIZATION OF MAN'S OPPORTUNITY TO UTILIZE THIS ENVIRONMENT. RECOMMENDED IS THE SELECTION OF THE HARMAC SOUTH SITE WITH DUKE POINT AS A SECOND CHOICE.

DENMARK

RASTOFINDVINDING, BYGEE- OG ANLAEGSVIRKSOMHED (RAW MATERIAL RECLAMATION, BUILDING AND CONSTRUCTION ACTIVITIES). POLLUTION CONTROL BOARD PUBLICATION NO. 19
EPA

PM(B) DANISH 08/00/71 PGS 1-79 ID# 03665A
ALSO ST
WATER

THIS REPORT WAS SUBMITTED BY THE MAIN GROUND COMMITTEE, ESTABLISHED BY THE POLLUTION CONTROL BOARD AND THE TECHNICAL POLLUTION COMMITTEE IN 1970 TO EVALUATE THE GEOLOGICAL, HYDROLOGICAL, AND TOPOGRAPHICAL EFFECTS OF POLLUTING FACTORS IN CONNECTION WITH RAW MATERIAL RECLAMATION, BUILDING AND CONSTRUCTION ACTIVITIES AND LAND RECLAMATION AND DRAINAGE INSTALLATIONS. THE COMMITTEE FOUND THAT POLLUTION, WHICH IS CAUSED BY CHANGES OR INTERFERENCE IN THE NATURAL LOCATION AND COMPOSITION OF THE SOIL STRATUM, DISTURBS MAINLY THE GROUNDWATER AND SURFACE WATER. THE EXPLOITATION OR REPLACEMENT OF THE ALLUVIUM, HOWEVER, HAS GEOMORPHOLOGICAL AND SEDIMENTOLOGICAL CONSEQUENCES AS WELL. THE COMMITTEE LISTS LAWS AND REGULATIONS DEALING WITH POLLUTION RESTRICTIONS CONNECTED TO RAW MATERIAL RECLAMATION AND CONSTRUCTION ACTIVITIES AND SUGGESTS ADDITIONAL LEGISLATION. THE COMMITTEE ALSO RECOGNIZES THE NEED FOR FURTHER EXPANSION IN THE FIELDS OF RESEARCH AND PLANNING.

EUROPEAN COMMUNITIES

"COORDINATION OF ENVIRONMENTAL PROTECTION." NEUE ZUERCHER ZEITUNG
EPA

PM(A) GERMAN 04/01/76 PGS 27 ID# 03622A

THREE MAJOR RESOLUTIONS WERE PASSED AT THE SECOND EUROPEAN CONFERENCE OF MINISTERS IN BRUSSELS. GOALS OF THE RESOLUTIONS WERE TO OBTAIN A BALANCE BETWEEN ECONOMIC DEVELOPMENT AND ENVIRONMENTAL PROTECTION, TO PROTECT PLANTS AND ANIMALS IN THEIR NATURAL SURROUNDINGS, AND TO PROMOTE THE VOLUNTARY COOPERATION OF PRIVATE ORGANIZATIONS FOR NATURE PROTECTION. THE SWISS DELEGATION TO THE CONFERENCE ASCERTAINED THAT ACTUAL AND PLANNED ENVIRONMENTAL AND LAND USE MEASURES IN SWITZERLAND ARE IN HARMONY WITH EFFORTS IN OTHER EUROPEAN COUNTRIES.

GENERAL

FINLAND "ENVIRONMENTAL MINISTRY SHOULD BE ESTABLISHED." HUFVUDSTADSBLADET
EPA
PM(A) SWEDISH 03/13/76 PGS 5 ID# 03684A

THIS ARTICLE REPORTS THAT ALTHOUGH MEMBERS OF THE ENVIRONMENTAL PROTECTION BOARD AGREE THAT A MINISTRY OF ENVIRONMENT SHOULD BE ESTABLISHED THERE ARE DIVERSE OPINIONS CONCERNING ITS FUNCTIONS. ONE ALTERNATIVE CALLS FOR A BODY CHOSEN BY PARLIAMENT TO PLAN THE STRUCTURE OF THE NEW MINISTRY, WHICH WOULD BE AN EXTENSIVE 4500-MEMBER ORGANIZATION. ANOTHER ALTERNATIVE BACKED BY AN EQUAL NUMBER OF BOARD MEMBERS FAVORS THE SPEEDY ESTABLISHMENT OF A 400-MEMBER MINISTRY FOCUSING ON THE PROTECTION OF NATURAL RESOURCES. ITS FUNCTIONS WOULD INCLUDE COORDINATION, SUPERVISION, WATER PROTECTION, NOISE ABATEMENT AND AIR POLLUTION. COMMUNITY AND AREA PLANNING WOULD, IN CONTRACT TO THE FIRST ALTERNATIVE, REMAIN UNDER THE MINISTRY OF THE INTERIOR. TO PROVIDE A MORE REALISTIC SOLUTION TO THE PROBLEM ECONOMICALLY AND ADMINISTRATIVELY A THIRD ALTERNATIVE WAS SUGGESTED; DEVELOPING THE BOARD OF WATERS INTO A CENTRAL ORGANIZATION FOR ENVIRONMENTAL PROTECTION.

FINLAND "ENVIRONMENTAL MINISTRY MEETS OPPOSITION." HUFVUDSTADSBLADET
EPA
PM(A) SWEDISH 03/04/76 PGS 17 ID# 03690A

THE MINISTRY OF AGRICULTURE AND FORESTRY IS OPPOSED TO THE ESTABLISHMENT OF A MINISTRY OF ENVIRONMENT IN GENERAL AND TO A PROPOSED INTEGRATION OF THE WATER AND SURVEYING ADMINISTRATION INTO THIS BODY IN PARTICULAR. THE MINISTRY ARGUES THAT FOREST IMPROVEMENT PROJECTS WOULD HAVE TO BE DEALT WITH IN TWO MINISTRIES, THUS ADVERSELY AFFECTING THE ENTIRE LUMBER PRODUCTION, AND THAT FISHERIES QUESTIONS WOULD ALSO BE MORE DIFFICULT TO HANDLE. THE MINISTRY ALSO POINTS OUT THAT ONLY 0.8 PERCENT OF THE SURVEYING OPERATIONS ARE USED IN PLANNING, WHICH IS THE REASON GIVEN FOR THE PROPOSED INCORPORATION OF SURVEYING INTO THE NEW MINISTRY. FURTHERMORE, THE BOARD OF WATERS HAS EXPRESSED OPPOSITION TO THE PLAN OF HAVING ITS DRAINAGE AND LOG DIVISIONS TRANSFERRED. THIS WOULD, IT IS FELT, MEAN THE COLLAPSE OF THE ENTIRE BOARD. THE BOARD OF WATERS FAVORS ITS REORGANIZATION INTO A CENTRAL GOVERNMENT OFFICE RESPONSIBLE FOR ALL PHASES OF ENVIRONMENTAL PROTECTION.

FRANCE "JURISTS DISCOVER ENVIRONMENTAL LAW." LE MONDE
AMBROISE-RENDU, MARC
EPA
LR(B) FRENCH 05/11/76 PGS 34 ID# 03644A

THE RIGHT TO THE QUALITY OF LIFE, AS INITIALLY EXPRESSED AT THE STOCKHOLM CONFERENCE OF 1972, IS DISCUSSED IN THIS ARTICLE IN LIGHT OF THE CONCEPT'S SUBSEQUENT APPLICATION WITHIN THE FRENCH LEGAL SYSTEM. A RECENT ASSESSMENT OF ADVANCES IN ENVIRONMENTAL LAW BY A NUMBER OF FRENCH LEGAL ASSOCIATIONS IS INCLUDED IN AN EXAMINATION OF THE DEVELOPMENT OF FRENCH ENVIRONMENTAL LAW. CONSIDERATION IS DEVOTED TO LAWS ALREADY, OR ABOUT TO BE, PASSED, AS WELL AS PENAL PROVISIONS AND JUDICIAL PROCEEDINGS AND RULINGS. DISCUSSED ARE: THE BROADENING OF THE CONCEPT OF ENVIRONMENTAL DAMAGE AND THE LIMITATIONS IN THE AREA OF FISCAL PROVISIONS.

GENERAL

FRANCE "ECOLOGY TO HAVE FORCE OF LAW." LE MONDE
AMBROISE-RENDU, MARC EPA
LR(B) FRENCH 04/23/76 PGS 13 ID# 03685A
LAND USE

THE FRENCH BILL ON THE PROTECTION OF NATURE, WHICH IS SCHEDULED FOR PARLIAMENTARY REVIEW ON APRIL 22, IS EXAMINED IN THIS ARTICLE IN TERMS OF THE INNOVATIONS THAT IT IS EXPECTED TO BRING TO THE FRENCH LEGISLATIVE SYSTEM. THE FIRST OF THESE, CONTAINED IN ARTICLE 2, CONCERNS THE MANDATORY COMPLETION OF ENVIRONMENTAL IMPACT STUDIES PRIOR TO THE UNDERTAKING OF ANY LARGE DEVELOPMENT. ALTHOUGH THIS PROVISION WAS INITIALLY OPPOSED, CLAMOR BY CONSERVATIONIST ORGANIZATIONS HAS RESULTED IN THE REINSERTION OF THE ARTICLE. ARTICLES 3, 4 AND 5 PROVIDE FOR THE PROTECTION OF THE FLORA AND FAUNA AND MAY BE USED TO PROHIBIT THE CAPTURE OF CERTAIN ENDANGERED ANIMAL SPECIES. THE BILL FURTHER INCLUDES A CHARTER FOR DOMESTIC ANIMALS WHICH IMPOSES ON ALL OWNERS THE DUTY TO TREAT THESE ANIMALS IN A MANNER COMPATIBLE TO THE BIOLOGICAL IMPERATIVES OF THEIR SPECIES. FINALLY, THE BILL EXTENDS TO THE NATURAL ENVIRONMENT THE CONCEPT OF CLASSIFIED SITES, THEREBY ALLOWING FOR THE ESTABLISHMENT OF NATURAL RESERVES.

FRANCE "PROTECTION OF NATURE: BILL UNANIMOUSLY APPROVED BY SENATE." LE MONDE
EPA
LR(B) FRENCH 05/20/76 PGS 9 ID# 03686A

THE FRENCH SENATE, BY A VOTE OF 280 TO 0, HAS APPROVED A BILL ON THE PROTECTION OF NATURE. THE VERSION OF THE BILL WHICH WAS APPROVED DIFFERED ONLY IN TECHNICAL OR LEGAL CONDITIONS FROM THE NATIONAL ASSEMBLY VERSION PASSED ON APRIL 27. THE COMMENTS OF THE FRENCH MINISTER FOR THE QUALITY OF LIFE STRESSED THE IMPORTANCE OF THIS FIRST STEP IN THE ESTABLISHMENT OF A COMPREHENSIVE LEGISLATIVE CHARTER ON THE PROTECTION OF NATURE. ONE AMENDMENT INTRODUCED BY THE SENATE, CONCERNING THE POSTPONEMENT OF THE MANDATORY ENVIRONMENTAL IMPACT STUDIES, REQUIRES SUCH REQUESTS TO UNDERGO REVIEW BY AN ADMINISTRATIVE TRIBUNAL. OTHER AMENDMENTS CONCERN MEASURES FOR THE PROTECTION OF ANIMALS.

FRANCE "GOVERNMENT DECIDES ON THE CREATION OF A NATIONAL POLLUTION CONTROL AGENCY."
LE MONDE
EPA
PH(A) FRENCH 05/13/76 PGS 34 ID# 03632A
ALSO LRB
*AIR WATER

GENERAL

FRANCE "THREE FACTORIES IN THE MEADOWS." LE MONDE
AMBROISE-RENDU, MARC EPA
PN(B) FRENCH 06/09/76 PGS 32 ID# 03640A
WATER AIR

IN SPITE OF THE INNOVATIVE ANTI-POLLUTION CONTRACT WHICH WAS SIGNED ON JULY 23, 1975 BETWEEN PECHINEY-UGINE-KUHLMANN AND THE FRENCH MINISTER FOR THE QUALITY OF LIFE, POLLUTION CONTINUES TO BE A PROBLEM IN THE INDUSTRIAL ZONE OF LANNEMEZAN (HAUTE PYRENEES), WHERE THREE OF THE MULTINATIONAL CORPORATION'S FACTORIES ARE LOCATED. ACCORDING TO CONTRACT STIPULATIONS, A PROGRAM OF POLLUTION ABATEMENT WAS TO BE SUBMITTED TO THE MINISTER FOR EACH TYPE OF INDUSTRY, PRIOR TO THE YEAR'S END. A SCHEDULE OF INVESTMENTS, STILL TO BE WORKED OUT IN THE CASE OF THE ALUMINUM, CHEMICALS AND COPPER INDUSTRIES, WOULD ACCOMPANY THE ABATEMENT PROGRAMS. THE THREE POLLUTING FACTORIES IN LANNEMEZAN CONSIST OF A CHEMICAL PRODUCTS PLANT AND AN ALUMINUM PLANT, AS WELL AS A CEMENT PLANT. THE INADEQUACY OF PAST EFFORTS BY THESE INDUSTRIES AND THE MEASURES REQUIRED TO BRING AN END TO FURTHER ENVIRONMENTAL DAMAGE ARE DISCUSSED.

FRANCE "THE PREVENTION OF INDUSTRIAL POLLUTION THROUGH CLEAN TECHNOLOGIES."
NUISANCES ET ENVIRONNEMENT, NO. 49
FOURNIER, Y.
PN(B) FRENCH 04/00/76 PGS 25-27 EPA ID# 03642A

FRENCH INDUSTRY, WHICH IS RESPONSIBLE FOR 50 PERCENT OF CONVENTIONAL POLLUTION, THE TOTALITY OF TOXIC WATER POLLUTION, 80 PERCENT OF PARTICULATE MATTER POLLUTION, 85 PERCENT OF SO2 POLLUTION, 45 PERCENT OF NITROGEN OXIDE POLLUTION AND 50 PERCENT OF SOLID WASTES, IS REPORTED TO BE INTENSIFYING ITS EFFORTS TO CONTROL THESE POLLUTANTS. THE NEW APPROACH BEING ADOPTED IS EMPHASIZING "CLEAN TECHNOLOGIES" OVER FORMER POLLUTION ABATEMENT TECHNIQUES, SO AS TO PREVENT POLLUTANTS RATHER THAN SUPPRESS THEM. THREE TYPES OF CLEAN TECHNOLOGIES ARE EXAMINED: 1) THE RE-USE OF MATERIALS IN THE PRODUCTION PROCESS (RECYCLING); 2) THE INTRODUCTION OF ALTERNATE MODES OF PRODUCTION; AND 3) THE RECOVERY OF POLLUTING SUBSTANCES WHICH WERE PREVIOUSLY DISCHARGED. THE APPLICATION OF THESE SOLUTIONS TO THE INDUSTRIAL USE OF WATER IS ILLUSTRATED IN THE ARTICLE. ECONOMIC AND TECHNICAL ADVANTAGES OF THESE SOLUTIONS ARE ALSO DISCUSSED.

FRANCE "ASSOCIATIONS VISIT ELYSEE." LE MONDE
EPA
PN(B) FRENCH 06/02/76 PGS 30 ID# 03645A
ALSO LRB

AT A RECEPTION FOR ENVIRONMENTAL ASSOCIATION REPRESENTATIVES, THE FRENCH PRESIDENT, MR. GISCARD D'ESTAING, REVIEWED THE THREE RECENT LEGAL INNOVATIONS WHICH HAVE RESULTED IN AN IMPROVEMENT OF THE PARTICIPATION OF FRENCH CITIZENS IN THE MANAGEMENT OF THE ENVIRONMENT: THE REFORM OF THE LAW ON CLASSIFIED ESTABLISHMENTS; THE REFORM OF PUBLIC INQUIRIES; AND THE LAW ON THE PROTECTION OF NATURE. OTHER MEASURES DISCUSSED BY THE PRESIDENT CONCERNED: 1) THE PUBLICIZING OF ALL CONSTRUCTION PERMIT APPLICATIONS; 2) THE SUBMISSION TO THE GOVERNMENT BY THE MINISTER FOR THE QUALITY OF LIFE OF PROVISIONS INSTITUTING OR REINFORCING THE PARTICIPATION OF ASSOCIATIONS IN VARIOUS PUBLIC AGENCIES, SUCH AS THE NATIONAL AGENCY FOR THE RECOVERY AND RECYCLING OF WASTES, WHICH DEAL WITH ENVIRONMENTAL QUESTIONS; 3) THE SPONSORING OF ENVIRONMENTAL MEETINGS, ON THE DEPARTMENTAL LEVEL, IN WHICH ELECTED OFFICIALS, ASSOCIATIONS AND THE ADMINISTRATION WILL EXAMINE PROBLEMS DEALING WITH LAND DEVELOPMENT AND THE PRESERVATION OF NATURAL RESOURCES.

GENERAL

FRANCE
SE( )

"74 MILLION FOR NATURE." LE MONDE
AMBROISE-RENDU, MARC
FRENCH 05/14/76 PGS 32 EPA ID# 03629A
ALSO PHB

THE FRENCH GOVERNMENT'S INTEREST IN THE ENVIRONMENT HAS RECENTLY BEEN REAFFIRMED BY THE COUNCIL OF MINISTERS' DECISIONS TO INSTITUTE A PILOT PROGRAM FOR THE STUDY OF THE NATIONAL POLLUTION CONTROL AGENCY OPERATIONS (SCHEDULED FOR 1978 LAUNCHING) AND TO INAUGURATE LITTORAL CONSERVANCY OPERATIONS. MOREOVER, THE INTERMINISTERIAL ACTION COMMITTEE FOR NATURE AND THE ENVIRONMENT (CIANE) HAS APPROPRIATED 74 MILLION FRANCS TO STIMULATE THE ENVIRONMENTAL PROJECTS OF VARIOUS PUBLIC AND PRIVATE AGENCIES. NEARLY ONE-HALF OF THE 74 MILLION ARE BEING DEVOTED TO PROGRAMS DESIGNED TO ENHANCE THE QUALITY OF LIFE, WHILE THE REMAINDER OF THE APPROPRIATIONS ARE BEING DISTRIBUTED AMONG THE PRESERVATION OF WATER AND AIR QUALITY, THE TREATMENT OF NUISANCES AND THE DISSEMINATION OF INFORMATION. THE SPECIFIC PROGRAMS WHICH ARE BEING SUBSIDIZED BY CIANE FUNDING ARE CITED IN THE ARTICLE.

FRANCE
SE( )

"ENVIRONMENTAL WORKERS." LE MONDE
AMBROISE-RENDU, MARC
FRENCH 05/25/76 PGS 33 EPA ID# 03678A

TWO RECENT CONFERENCES, ONE SPONSORED BY THE FRENCH DEMOCRATIC LABOR CONFEDERATION (CFDT) AND THE OTHER BY MANUFACTURERS OF POLLUTION CONTROL EQUIPMENT AND THE STATE SECRETARY FOR THE ENVIRONMENT, DEALT WITH THE THEME OF POLLUTION AND WORK. ALTHOUGH THE LABOR STAND HAD BEEN TO OPPOSE NEW INDUSTRIAL TECHNIQUES AND PROCESSES OF POLLUTION ABATEMENT, A CHANGE IN ATTITUDE WAS EVIDENCED DURING THE COURSE OF THESE CONFERENCES. THE REALIZATION THAT POLLUTION ABATEMENT WAS RESPONSIBLE FOR THE CREATION OF NEW POSITIONS, RATHER THAN UNEMPLOYMENT, HAS PROMPTED LABOR TO ESPOUSE THE ANTIPOLLUTION CAUSE. THE SECRETARY FOR THE ENVIRONMENT, CONCURRING WITH THIS POSITION, INDICATED THAT, TO SATISFY A GENERAL DESIRE FOR BOTH EMPLOYMENT AND A CLEAN ENVIRONMENT, MODERN INDUSTRY WOULD HENCEFORTH BE CLEAN OR NONEXISTENT.

GERMANY,FED REP OF
LH(A)

"OCTOBER 30, 1973 GUIDELINE FOR OIL BINDERS." GEMEINSAMES MINISTERIALBLATT, NO. 26
GERMANY, FED REP OF. FEDERAL MINISTRY OF THE INTERIOR EPA
GERMAN 11/06/73 PGS 473-482 ID# 03652A
*WATER

GENERAL

GERMANY, FED REP OF "SEPT. 9, 1975 PRINCIPLES FOR THE TESTING OF THE ENVIRONMENTAL COMPATIBILITY OF PUBLIC MEASURES OF THE FEDERAL GOVERNMENT." GEMEINSAMES MINISTERIALBLATT, NO. 32
GERMANY, FED REP OF. FEDERAL MINISTRY OF THE INTERIOR EPA
LR(A) GERMAN 10/10/75 PGS 717-719 ID# 03679A

THIS PROCLAMATION OF THE FEDERAL INTERIOR MINISTRY ADOPTS PROCEDURES FOR EVALUATING THE ENVIRONMENTAL COMPATIBILITY OF PUBLIC MEASURES OF THE FEDERAL AUTHORITIES AND DIRECT FEDERAL BODIES, INSTITUTES AND ESTABLISHMENTS OF PUBLIC LAW. PUBLIC MEASURES REFER TO DRAFTS OF STATUTORY REGULATIONS AND GENERAL ADMINISTRATIVE ORDERS; ADMINISTRATIVE ACTS, CONTRACTS AND OTHER ACTIONS IN FULFILLMENT OF PUBLIC DUTIES; AND PUBLIC PROGRAMS AND PLANS. THE VARIOUS FEDERAL MINISTERS ARE TO INTRODUCE THE PRINCIPLES INTO THEIR AREAS OF COMPETENCE IN SUITABLE FASHION. THE GOAL OF THE TESTING IS TO PROTECT MAN, ANIMALS, VEGETATION AND OBJECTS FROM HARMFUL ENVIRONMENTAL INFLUENCES. THE COMPETENT AUTHORITIES ARE TO TEST AS OFTEN AS POSSIBLE DURING THE PRELIMINARY WORK TO PUBLIC MEASURES TO DETERMINE WHETHER HARMFUL ENVIRONMENTAL RESULTS ARE PRECLUDED, AND IF NOT, WHAT ENVIRONMENTAL CONSEQUENCES MAY BE EXPECTED AND HOW THEY MAY BE AVOIDED OR REDUCED. THE SUGGESTED STAGES OF ENVIRONMENTAL TESTING ARE OUTLINED IN AN APPENDIX.

ROMANIA POLUAREA MEDIULUI AMBIANT (ENVIRONMENTAL POLLUTION). VOL. 1
ZAMFIR, G. LOC TD 174 .Z25 VOL 1
LR(B) ROMANIAN 00/00/74 PGS 1-611 ID# 03623A
ALSO SE AND PMB

THE GENERAL ATTRIBUTES OF ENVIRONMENTAL POLLUTION AND THE EFFORTS TO CONTROL IT INTERNATIONALLY AND IN ROMANIA ARE DISCUSSED IN THIS VOLUME. THE INTRODUCTION SUMMARIZES THE MAJOR LAWS AND POLITICAL COMMITMENTS TO ENVIRONMENTAL PROTECTION IN ROMANIA, AND THE TEXT OF THE VOLUME, DIVIDED INTO FOUR CHAPTERS, ANALYZES THE GENERAL SOCIO-ECONOMIC ASPECTS OF ENVIRONMENTAL PROTECTION AND THE SPECIFIC PROBLEMS AND PHENOMENA ASSOCIATED WITH AIR, SOIL AND WATER POLLUTION. THE VARIOUS CRITERIA, STANDARDS AND LAWS PROMULGATED BY WHO, BY THE ROMANIAN GOVERNMENT AND BY CERTAIN OTHER COUNTRIES FOR ENVIRONMENTAL PROTECTION ARE ALSO SURVEYED. SEVERAL CHARTS AND TABLES SUPPORT THE TEXT MATERIAL, AND BIBLIOGRAPHIES ARE APPENDED TO EACH CHAPTER.

SWEDEN "DECISION BY THE NATIONAL ENVIRONMENT PROTECTION BOARD - APPLICANT: KARLSHAMN VEGETABLE OIL FACTORY, LTD." ENVIRONMENT CANADA TRANSLATION OOENV TR - 98.
SWEDEN. NATIONAL SWEDISH ENVIRONMENT PROTECTION BOARD EPA
LR(B) ENGLISH 00/00/74 PGS 1-23 ID# 03655A
WATER SOLID WASTE AIR TOXIC SUBS

THE KARLSHAMN VEGETABLE OIL FACTORY LTD. HAS APPLIED FOR PERMISSION, IN ACCORDANCE WITH THE ENVIRONMENT PROTECTION ACT, REGARDING CONSTRUCTION OF A FACILITY FOR REFINING VEGETABLE FAT, EXPANSION OF THE DEODORIZING CAPACITY WITHIN THE EXISTING INSTALLATION, AND INTRODUCTION OF CERTAIN ENVIRONMENTAL PROTECTION MEASURES. THE FACTORY REFERS TO TECHNICAL STUDIES AND INVESTIGATIONS, PERFORMED WITHIN THE PLANT, IN SUPPORT OF ITS APPLICATION. STATEMENTS FROM THE PROVINCIAL ADMINISTRATION, THE FISHERIES BOARD, AND THE PUBLIC HEALTH COMMITTEE, SHOWING SUPPORT IN GENERAL BUT ALSO CITING SEVERAL RESERVATIONS, ARE INCLUDED. THE OCCUPATIONAL INSPECTORATE HAS ALSO ISSUED A STATEMENT AFTER RECEIVING COMPLAINTS FROM HARBOR CRANE OPERATORS EXPERIENCING HEADACHES AND OTHER DISCOMFORTS DUE TO POLLUTION FROM THE PLANT. THE ENVIRONMENT PROTECTION BOARD WILL GRANT THE FACTORY'S REQUEST IF SEVERAL STIPULATED CONDITIONS ARE MET. THE DECISION IS NOT SUBJECT TO APPEAL.

GENERAL

UNITED NATIONS
"TWO STEPS FORWARD, ONE STEP BACK." NATURE, VOL. 261, NO. 557
SANDBROOK, RICHARD
EPA
PM(B) ENGLISH 05/20/76 PGS 179-180 ID# 03624A
ALSO SE

SHORTAGES OF FINANCES AND INCREASING DISSENSION OVER WORK PROGRAM PRIORITIES ARE HAMPERING THE EFFORTS OF THE UNITED NATIONS ENVIRONMENT PROGRAM (UNEP) IN DEALING EFFECTIVELY WITH ENVIRONMENTAL PROBLEMS ON A GLOBAL BASIS. THIS ARTICLE SUMMARIZES THE HISTORY, STRUCTURE, FUNCTIONS, AND PROGRAMS OF UNEP AND DISCUSSES ITS RELATIONSHIP AS AN ENVIRONMENTAL COORDINATING ENTITY TO WHO, UNESCO, FAO AND THE INDUSTRIALIZED AND DEVELOPING COUNTRIES OF THE WORLD. SOME NOTABLE ACCOMPLISHMENTS OF UNEP IN PROMOTING INTERNATIONAL COOPERATION ARE LISTED, BUT THE FUTURE IMPACT OF UNEP IN WORLD ENVIRONMENTAL AFFAIRS IS BEING AFFECTED BY INTERNAL LEADERSHIP PROBLEMS, CHANGING NATIONAL ATTITUDES TOWARDS THE ENVIRONMENT, AND A SCARCITY OF FUNDS DUE TO CUTBACKS IN SPENDING OF THE DONATING COUNTRIES, ESPECIALLY THE UNITED STATES. AS A RESULT MANY OF THE PROJECTS OF UNEP HAVE BEEN POSTPONED, AND THE CONTINUED SIGNIFICANCE OF UNEP IN WORLD ENVIRONMENTAL AFFAIRS IS QUESTIONABLE.

LAND USE

FRANCE
"ECOLOGY TO HAVE FORCE OF LAW." LE MONDE
AMBROISE-RENDU, MARC
EPA
LR(B) FRENCH 04/23/76 PGS 13 ID# 03685A
*GENERAL

FRANCE
"FOR A FEW KILOMETERS LESS OF DEVASTATION." LE MONDE
AMBROISE-RENDU, MARC
EPA
PM(B) FRENCH 06/02/76 PGS 30 ID# 03639A

ROBERT PUJADE, FORMER FRENCH MINISTER FOR THE QUALITY OF LIFE FROM 1971 TO 1974, HAS BEEN APPOINTED PRESIDENT OF THE ADMINISTRATIVE COUNCIL OF THE NEWLY CREATED LITTORAL CONSERVANCY. THE CONSERVANCY, WHICH WAS ESTABLISHED BY AN APRIL 25, 1975 LAW, CONVENED FOR ITS FIRST MEETING ON MAY 31 IN ROCHEFORT. ITS PURPOSE, AS REITERATED AT THAT MEETING, BEING TO PRESERVE SELECTED COASTAL SITES FROM CONSTRUCTION OR DEVELOPMENT AND MAKING THEM AVAILABLE TO THE PUBLIC. THE PRESERVATION OF THESE THREATENED SITES IS TO BE ACHIEVED THROUGH THE PURCHASE OF THE LAND AND A 1977 BUDGET REQUEST WITH A PROGRAM OF PURCHASES IS BEING WORKED OUT FOR SUBMISSION TO THE INTERIOR MINISTER. THE LITTORAL CONSERVANCY, IN COOPERATION WITH LOCAL AUTHORITIES PARTICIPATING IN THE SELECTION OF PURCHASE SITES, IS ALSO INVOLVED IN THE PREPARATION OF AN INVENTORY OF POSSIBLE FUTURE ZONES OF INTEREST.

GERMANY,FED REP OF "DECEMBER 11, 1973 CONVENTION BETWEEN THE GOVERNMENTS OF THE FEDERAL REPUBLIC OF GERMANY AND AUSTRIA FOR COOPERATION IN LAND USE PLANNING." BUNDESGESETZBLATT, II
EPA
LR(A) GERMAN 08/15/74 PGS 1110-1111 ID# 03641A

THIS CONVENTION ESTABLISHES A FEDERAL GERMAN-AUSTRIAN LAND USE PLANNING COMMISSION TO PROMOTE AND FACILITATE COOPERATION IN LAND USE PLANNING, PARTICULARLY IN AREAS NEAR THE COMMON BORDER OF THE TWO COUNTRIES. THE COMMISSION IS TO WORK OUT SUGGESTIONS AND RECOMMENDATIONS RELATING TO LAND USE IN THE SPECIFIED AREAS AND TO PRESENT THEM TO THE RELEVANT OFFICES IN THE FEDERAL REPUBLIC OF GERMANY AND AUSTRIA FOR CONSIDERATION. IT IS ALSO TO WORK FOR COORDINATION AND HARMONIZATION OF LAND USE MEASURES IN THE FEDERAL REPUBLIC AND AUSTRIA. THE COMMISSION IS TO CONSIST OF 18 MEMBERS, ONE HALF FROM EACH COUNTRY. THE CHAIRMAN IS TO BE APPOINTED FOR TWO YEARS BY COUNTRY ON A ROTATING BASIS. THE CONVENTION IS VALID FOR 10 YEARS AND WILL BE AUTOMATICALLY RENEWED FOR FOUR YEARS IF NEITHER OF THE PARTIES CANCELS IT IN ADVANCE. THE TREATY BECOMES VALID MARCH 1, 1974. (SEE ALSO ABSTRACT UNDER AUSTRIA, ID NO. 03345A.)

IRELAND BRITTAS BAY: A PLANNING AND CONSERVATION STUDY
IRELAND, AN FORAS FORBARTHA
EPA
PH(B) ENGLISH 06/00/73 PGS 1-42 ID# 03646A

THE GROWING USE OF BRITTAS BAY IN IRELAND FOR RECREATIONAL PURPOSES HAS LED TO PROBLEMS OF PLANNING AND CONSERVATION WHICH ARE THE SUBJECT OF THIS STUDY. PART 1 OF THE STUDY IS CONCERNED WITH THE PRESSURES OF DEVELOPMENT AND THE TYPE OF CHANGE THAT IS ACCEPTABLE. THE FORM THAT IT SHOULD TAKE AND ITS LOCATION IN THE AREA. MOREOVER, IT PUTS FORWARD A STRATEGY FOR THE RECONCILIATION OF CONFLICTING OBJECTIVES OF DEVELOPMENT. PART 2 IS CONCERNED WITH THE ENVIRONMENTAL DETERIORATION PRODUCED BY RECREATIONAL ACTIVITY ON THE SAND DUNES AND BEACH AND SUGGESTS HOW THIS DETERIORATION CAN BE REMEDIED FOR CONTINUED USE OF THE AREA.

IRELAND NATIONAL COASTLINE STUDY. VOLUME 1-A: NATIONAL STRATEGY FOR DEVELOPMENT AND CONSERVATION
IRELAND, AN FORAS FORBARTHA
EPA
PH(B) ENGLISH 11/00/72 PGS 1-67 ID# 03651A

THIS REPORT, PREPARED JOINTLY BY THE IRISH ENVIRONMENTAL RESEARCH AND ADVISORY BODY (AN FORAS FORBARTHA) AND THE NATIONAL TOURISM PROMOTION BODY (BORD FAILTE EIREANN), PRESENTS, IN OUTLINE FORM, THE GENERAL FINDINGS AND RECOMMENDATIONS OF THE NATIONAL COASTLINE STUDY. THE AIM OF THE STUDY, BEGUN IN OCTOBER 1969 AND COMPLETED IN JUNE 1970, WAS TO DEVELOP A STRATEGIC POLICY FOR THE UTILIZATION OF THE COASTLINE WHICH WOULD BALANCE DEVELOPMENT NEEDS AND CONSERVATION REQUIREMENTS, THE ULTIMATE OBJECTIVE BEING TO RECOMMEND BY ZONES AND STRETCHES THE LIMITS OF CONSERVATION AND DEVELOPMENT APPROPRIATE TO THE AREAS IN QUESTION. A LISTING OF TECHNICAL STUDIES OR EXERCISES UNDERTAKEN IN SUPPORT OF THE MAIN STUDY IS GIVEN IN APPENDIX 1. IN ADDITION, APPENDIX 2 LISTS ALL SUPPORTING MAPS, CHARTS, SCHEDULES AND POSITION PAPERS PREPARED DURING THE COURSE OF THE STUDY.

LAND USE

IRELAND

NATIONAL COASTLINE STUDY. VOLUME 2: COUNTY REPORTS--NOTES ON DEVELOPMENT STRATEGY
IRELAND. AN FORAS FORBARTHA EPA
PH(8) ENGLISH 10/00/73 PGS 1-178 ID# 036518

THE PURPOSE OF THIS PART OF THE NATIONAL COASTLINE STUDY IS TO PRESENT, IN OUTLINE FORM, THE PRINCIPLES UNDERLYING THE DEVELOPMENT AND CONSERVATION STRATEGY BEING PROPOSED FOR EACH OF THE IRISH COUNTIES. AFTER AN INITIAL COUNTY COMPARISON WITH RESPECT TO COASTLINE LENGTH AND AREA SIZE, THE STRATEGY FOR EACH COUNTY IS OUTLINED AS FOLLOWS: 1) EXISTING UTILIZATION AND PROBLEMS, 2) POTENTIAL AND POSSIBILITIES, 3) DEVELOPMENT AND CONSERVATION STRATEGY, AND 4) TABLES ON VISITORS AND BEDNIGHT NUMBERS IN THE COUNTY. PROPOSALS FOR REGIONAL DEVELOPMENT ARE ILLUSTRATED IN A SERIES OF MAPS.

IRELAND

NATIONAL COASTLINE STUDY. VOLUME 3-A: PROCEDURAL MANUAL
IRELAND. AN FORAS FORBARTHA EPA
PH(8) ENGLISH 09/00/73 PGS 1-58 ID# 03651C

THIS PROCEDURAL MANUAL, THIRD IN A SERIES OF DOCUMENTS IN THE IRISH NATIONAL COASTLINE STUDY, IS INTENDED TO ILLUSTRATE THE USE OF THE COASTLINE STUDY MATERIALS AND PROPOSALS IN THE PREPARATION OF A LOCAL AREA PLAN. THE SEQUENCE IN WHICH THE MATERIAL IS PRESENTED CONSTITUTES THE RECOMMENDED COURSE OF ACTION AND CONSISTS OF THE FOLLOWING: 1) A REFERENCE STAGE DESCRIBING THE CONTENT AND USE OF DATA FROM THE NATIONAL COASTLINE STUDY DEALING WITH THE NATIONAL STRATEGY, REGIONAL STRATEGY, SURVEY RECORD AND CAPABILITY; 2) A SUPPORT STAGE CONTAINING ADDITIONAL SURVEY MATERIALS; AND 3) A SYNTHESIS STAGE IN WHICH A SAMPLE STUDY AREA IS USED AS AN EXAMPLE OF THE TRANSITION FROM BROAD POLICY PROPOSALS TO DETAILED SITE PLAN.

SWEDEN

MANAGEMENT OF LAND AND WATER RESOURCES: INFORMATION TO THE UNITED NATIONS CONFERENCE ON THE HUMAN ENVIRONMENT
SWEDEN. MINISTRY OF PHYSICAL PLANNING AND LOCAL GOVERNMENT EPA
PH(8) ENGLISH 03/00/72 PGS 1-74 ID# 03650A
WATER

THIS PUBLICATION IS A SUMMARY OF A REPORT, PUBLISHED IN DECEMBER 1971 BY THE MINISTRY OF PHYSICAL PLANNING AND LOCAL GOVERNMENT, CONTAINING PROPOSALS FOR NATIONAL PHYSICAL PLANNING IN SWEDEN. THE DEMANDS FOR AND AVAILABILITY OF LAND AND WATER RESOURCES HAVE BEEN SURVEYED. CONSIDERATIONS ON PLANNING, LEGISLATION, AND ORGANIZATION ARE PRESENTED AND THE REPORT INCLUDES SEVERAL CONCRETE PROPOSALS. INDIVIDUAL CHAPTERS DISCUSS: THE STATUS AND SENSITIVITY OF THE ENVIRONMENT; THE DISTRIBUTION OF THE POPULATION AND THE MAIN FEATURES OF REGIONAL POLICY; INVESTIGATIONS OF CLAIMS AND PHYSICAL RESOURCES; THE PRINCIPLES UNDERLYING THE PLANNING CONSIDERATIONS; OUTLINES OF GEOGRAPHICALLY ORIENTED PLANNING CONSIDERATIONS; AND LEGISLATION IN CONJUNCTION WITH NATIONAL PHYSICAL PLANNING. THE REPORT INCLUDES A NUMBER OF ILLUSTRATIVE MAPS OF THE COUNTRY.

DENMARK VEJE OG JERNBANER (NOISE FROM ROADS AND RAILWAYS). POLLUTION CONTROL BOARD PUBLICATION NO. 26

PH(B) DANISH 03/00/72 PGS 1-103 EPA ID# 03635A

MEASURES TO PREVENT THE GROWTH OF NOISE POLLUTION, WHICH IS CONSIDERED AN UNREASONABLE NUISANCE FOR THE ENTIRE SOCIETY, ARE DISCUSSED IN THIS REPORT, SUBMITTED BY A WORKING GROUP CREATED BY THE MAIN NOISE COMMITTEE, WHICH WAS SET UP BY THE POLLUTION CONTROL BOARD AND THE TECHNICAL POLLUTION COMMITTEE IN 1970. IT IS NECESSARY TO ESTABLISH WHICH AREAS ARE THE MOST AFFECTED, WHO SHOULD BE RESPONSIBLE FOR FUTURE PLANNING, AND ALSO TO TAKE AN INVENTORY OF EXISTING LEGISLATION AND CURRENT ADMINISTRATIVE ORGANIZATIONS TO STUDY POSSIBLE REVISIONS. THE MAIN AIMS SHOULD BE: REDUCTION OF NOISE IN THE MOST EXPOSED AREAS; THE PLANNING OF NEW HOUSING CONSTRUCTION TO AVOID EXCESSIVE NOISE DISTURBANCE FROM FUTURE OR EXISTING ROADS AND RAILWAYS; AND A MORATORIUM ON NEW ROADS AND RAILWAYS WHERE EXISTING OR PLANNED RESIDENTIAL AND RECREATION AREAS WILL BE SUBJECTED TO EXCESSIVE NOISE. IT IS ALSO STRESSED THAT THE MOST EFFECTIVE NOISE PREVENTION TAKES PLACE IN THE PLANNING STAGE, WHICH IS ALSO ECONOMICALLY THE MOST ADVANTAGEOUS.

DENMARK STOJPROBLEMER I FORBINDELSE MED FJERNELSE AF AFFALD (NOISE PHOBLEMS IN CONNECTION WITH WASTE REMOVAL). POLLUTION CONTROL BOARD PUBLICATION NO. 28

PH(B) DANISH 03/00/72 PGS 1-24 EPA ID# 03601A

THIS REPORT, WHICH WAS SUBMITTED BY A WORKING GROUP OF THE MAIN NOISE COMMITTEE ESTABLISHED BY THE POLLUTION CONTROL BOARD AND THE TECHNICAL POLLUTION COMMITTEE, DESCRIBES EXISTING AND NEW METHODS OF SOLID WASTE DISPOSAL WITH EMPHASIS ON NOISE ASPECTS. IT ALSO CONTAINS REGULATION SUGGESTIONS TO CONTROL THE NOSIE LEVEL FROM REFUSE COLLECTION TRUCKS.

DENMARK STOJ: TRAFIKMIDLER (NOISE FROM TRAFFIC). POLLUTION CONTROL BOARD PUBLICATION NO. 24

PH(B) DANISH 03/00/72 PGS 1-99 EPA ID# 03602A

THIS BOOKLET CONTAINS THREE REPORTS: NOISE FROM MOTOR VEHICLES AND MOTORIZED BICYCLES (MOPEDS); NOISE FROM SPEEDBOATS; AND NOISE FROM RAILROADS. IN EACH CASE, STIPULATIONS AND GUIDELINES FOR THE LIMITATION OF NOISE IN DENMARK AND IN A NUMBER OF OTHER COUNTRIES ARE DISCUSSED AS WELL AS POSSIBILITIES OF FIGHTING EXISTING AND FUTURE NOISE POLLUTION EFFECTIVELY. THE REPORTS CONCLUDE THAT THE NOISE STANDARDS FOR MOTOR VEHICLES SHOULD BE MORE SEVERE AND THAT EQUIPMENT FOR MOPEDS SHOULD BE FURTHER RESTRICTED TO PREVENT EXCESSIVE NOISE. STIPULATIONS PERTAINING TO SPEEDBOATS WERE FOUND ADEQUATE. ALTHOUGH A CERTAIN AMOUNT OF RAILROAD NOISE IS INEVITABLE, CAREFUL PLANNING OF WHERE TO PHYSICALLY LOCATE NEW RAILROADS MAY DECREASE THEIR NOISE LEVEL. LOCOMOTIVE AND ENGINE STRUCTURE SHOULD ALSO BE STUDIED FOR IMPROVEMENT. SEVERAL DOCUMENTS IN GERMAN FROM THE EC AND THE ORE (RESEARCH BUREAU OF THE INTERNATIONAL RAILROAD UNION) ARE APPENDED.

NOISE

EUROPEAN COMMUNITIES "PROPOSAL FOR A COUNCIL DIRECTIVE ON THE APPROXIMATION OF LAWS OF MEMBER STATES RELATING TO THE PERMISSIBLE SOUND LEVEL...OF MOTORCYCLES." OFFICIAL JOURNAL OF THE EEC
EPA
LR(A) ENGLISH 03/08/76 PGS 33-43 ID# 03618A

IN ACCORDANCE WITH EXISTING EUROPEAN TREATIES AND CONVENTIONS, THIS PROPOSED DIRECTIVE OF THE COUNCIL OF THE EUROPEAN COMMUNITIES (EEC), TO COME INTO FORCE ON OCTOBER 1, 1978, APPLIES TO THE APPROXIMATION OF LAWS OF MEMBER STATES RELATING TO PERMISSIBLE SOUND LEVELS AND MUFFLERS IN MOTORCYCLES. THE ACTIVITIES AND MEASURES TAKEN IN THIS REGARD ARE TO BE REPORTED TO THE COUNCIL COMMISSION, AND THE COMMISSION MAY MAKE APPROPRIATE RECOMMENDATIONS TO MEMBER STATES IN THE IMPLEMENTATION OF THE DIRECTIVE. FUTURE AMENDMENTS MAY ALSO BE MADE TO THE DIRECTIVE TO INCORPORATE NEW DEVELOPMENTS IN NOISE CONTROL TECHNOLOGY. ANNEX I OF THE DIRECTIVE SETS FORTH PERTINENT DEFINITIONS, PROCEDURES FOR EEC TYPE-APPROVAL APPLICATION, PERMISSIBLE NOISE LEVELS, TESTING PROCEDURES, AND PROVISIONS REGARDING MUFFLERS. ANNEX II IS A SAMPLE TEST RECORD TO BE USED FOR MOTORCYCLE NOISE MEASUREMENTS, AND ANNEX III IS A SAMPLE NOISE COMPLIANCE CERTIFICATE FOR EEC TYPE-APPROVAL.

GERMANY,FED REP OF "JULY 19, 1974 EMISSIONS VALUES FOR CRANES. SECOND GENERAL ADMINISTRATIVE PROVISION IN IMPLEMENTATION OF THE FEDERAL IMMISSIONS CONTROL LAW." BUNDESANZEIGER, NO. 135
EPA
LR(A) GERMAN 07/00/74 PGS 1 ID# 02033G

PASSED PURSUANT TO SECTION 48, NUMBER 2 OF THE FEDERAL IMMISSIONS (NUISANCE) CONTROL LAW, THIS SECOND GENERAL ADMINISTRATIVE PROVISION SETS A MAXIMUM NOISE EMISSION LEVEL OF 80 DB(A) FOR CRANES IN THE FEDERAL REPUBLIC OF GERMANY. EFFECTIVE JANUARY 1, 1977, THE MAXIMUM PERMISSIBLE NOISE EMISSION LEVEL IS 75 DB(A). THE PROVISION OUTLINES THE ACCEPTABLE PROCEDURE FOR MEASURING THE NOISE EMISSIONS.

PESTICIDES

CUBA "POLLUTION IN CUBA." JOINT PUBLICATIONS RESEARCH SERVICE, TRANSLATIONS ON LATIN AMERICA, NO. 1291
EPA
PN(B) ENGLISH 04/22/75 PGS 24-26 ID# 03660A
*WATER SOLID WASTE AIR

RADIATION

FRANCE

"MINISTERIAL CIRCULAR REINFORCES FORMALITIES WHICH PRECEDE THE INSTALLATION OF NUCLEAR POWER PLANTS." LE MONDE

PH(B) FRENCH 06/13/76 PGS 20 EPA ID# 03664A

ACCORDING TO A FRENCH MINISTRY OF INDUSTRY ANNOUNCEMENT, ENVIRONMENTAL CONSIDERATIONS WILL HENCEFORTH BE TAKEN INTO ACCOUNT IN THE DECLARATION OF PUBLIC UTILITY PROCEEDINGS WHICH PRECEDE ALL NUCLEAR POWER PLANT CONSTRUCTIONS. THE CONSTRUCTION OF BOTH CONVENTIONAL OR NUCLEAR THERMAL POWER PLANTS, WHICH IS STRICTLY REGULATED IN FRANCE, REQUIRES ELECTRICITE DE FRANCE TO FILE A DECLARATION OF PUBLIC UTILITY (DUP) PRIOR TO ALL LAND PURCHASES, WHETHER OR NOT EXPROPRIATION IS TO BECOME NECESSARY. THE DUP REFORM SEEKS TO IMPROVE THE AVAILABILITY OF PROJECT INFORMATION AND TO INTEGRATE THE VARIOUS ENVIRONMENTAL CONCERNS. A CIRCULAR ADVISING DEPARTMENT PREFECTS OF THE NEW PROVISIONS IS EXPECTED TO APPEAR IN THE JOURNAL OFFICIEL.

GERMANY,FED REP OF

"OCT. 1, 1975 ARRANGEMENT BETWEEN THE...FEDERAL REPUBLIC OF GERMANY AND THE UNITED STATES...ON COOPERATION IN THE FIELD OF NUCLEAR FACILITIES SAFETY." BUNDESGESETZBLATT, II

LR(A) GERMAN 02/04/76 PGS 229-235 EPA ID# 03647A

IN THE OCT. 1, 1975 ARRANGEMENT BETWEEN THE FEDERAL MINISTER OF THE INTERIOR (BMI) OF THE FEDERAL REPUBLIC OF GERMANY AND THE UNITED STATES NUCLEAR REGULATORY COMMISSION (NRC) ON COOPERATION IN THE FIELD OF NUCLEAR FACILITIES SAFETY, THE CONTRACTING PARTIES AGREE TO EXCHANGE INFORMATION ON THE TECHNICAL SAFETY AND PHYSICAL SECURITY OF NUCLEAR INSTALLATIONS. THEY ALSO AGREE TO EXCHANGE INFORMATION ON THE ENVIRONMENTAL IMPACT OF SUCH INSTALLATIONS INSOFAR AS THEIR RESPECTIVE RESPONSIBILITIES PERMIT. THE NRC AND BMI FURTHER AGREE TO COOPERATE IN DEVELOPING REGULATORY STANDARDS FOR NUCLEAR FACILITIES. EACH CONTRACTING PARTY IS TO DESIGNATE AN ADMINISTRATOR TO COORDINATE ITS SHARE OF THE COOPERATIVE EFFORT. A PATENT ADDENDUM APPLIES TO INVENTIONS PRODUCED OR DESIGNED DURING THE TERM OF AND ON THE BASIS OF THE EXCHANGE. THE AGREEMENT TAKES FORCE OCT. 1, 1975 AND REMAINS VALID FOR FIVE YEARS.

SOLID WASTE

AUSTRIA

UMWELTPROBLEME. ENERGIESORGEN. DAS ORL-IUE TEAM HILFT (ENVIRONMENTAL PROBLEMS. ENERGY CONCERNS. THE ORL-IUE TEAM WILL HELP)
AUSTRIAN CLEAN AIR SOCIETY

PH(B) GERMAN PGS 1-69 EPA ID# 03675A
ALSO SE AND LRB
*GENERAL AIR

SOLID WASTE

CUBA "POLLUTION IN CUBA." JOINT PUBLICATIONS RESEARCH SERVICE. TRANSLATIONS ON LATIN AMERICA. NO. 1291

EPA

PM(B) ENGLISH 04/22/75 PGS 24-26 ID# 03660A
*WATER PESTICIDES AIR

EUROPEAN COMMUNITIES "PROPOSAL FOR A COUNCIL DIRECTIVE CONCERNING THE DUMPING OF WASTES AT SEA." OFFICIAL JOURNAL OF THE EUROPEAN COMMUNITIES

EPA

LR(A) ENGLISH 02/20/76 PGS 3-11 ID# 03620A
*WATER TOXIC SUBS

FINLAND "MORE STRINGENT LAWS FOR WATER POLLUTION." HUFVUDSTADSBLADET

EPA

LR(B) SWEDISH 12/24/75 PGS 1, 9 ID# 03638A
*WATER TOXIC SUBS

FINLAND "WASTE COULD BE A PROBLEM FOR FUR INDUSTRY." HUFVUDSTADSBLADET

EPA

PM(B) SWEDISH 01/23/76 PGS 11 ID# 03634A
WATER

FINLAND PRODUCED 3.6 MILLION MINK FURS DURING THE 1974-75 SEASON, MAKING IT THE WORLD'S SECOND LARGEST MINK FUR-PRODUCING COUNTRY SURPASSED ONLY BY THE SOVIET UNION. ONE OF THE LARGEST BUSINESSES IN THE REGION OF NYKARLEBY, AB FARM-FRYS, REPORTS THAT WASTE DISPOSAL IS A PROBLEM WITHIN THE INDUSTRY. THE FIRM HAD PREVIOUSLY COOPERATED WITH THE MUNICIPAL SEWAGE-TREATMENT PLANT BUT THIS ARRANGEMENT DID NOT WORK OUT. OVER 1 MILLION KILO DEFURRED ANIMALS WERE RECEIVED FROM ITS OWN AND NEIGHBORING FARMS LAST YEAR, AND 200,000 FINNISH MARKS WERE SPENT ON WASTE TREATMENT IN ORDER TO PROCESS THEM INTO 26 MILLION KILO ANIMAL FEED. THE COMPANY NOW PURIFIES ITS OWN WASTEWATER BEFORE IT IS EMITTED DIRECTLY INTO THE RIVER, AND WATER TESTS, ALTHOUGH NOT YET COMPLETE, HAVE BEEN PROMISING. THE COMPANY POINTS OUT THAT IT HAS HELPED ELIMINATE THE PREVIOUSLY QUITE COMMON HABIT OF UNCONTROLLED DISPOSING OF ANIMAL CARCASSES IN WOODS AND OTHER LOCATIONS.

SOLID WASTE

FINLAND "THE HANDLING OF SOLID WASTE SHOULD BE CENTRALIZED." HUFVUDSTADSBLADET
EPA
PH(B) SWEDISH 01/27/76 PGS 9 ID# 03648A

OY PREDIUM AB. A PLANNING COMPANY PRESENTLY WORKING IN THE FINNISH ARCHIPELAGO WEST OF HELSINKI. HAS IN A WRITTEN COMMUNICATION TO THE COMMUNITIES OF VASTNYLAND PROVINCE SUGGESTED THE POSSIBILITY OF CENTRALIZING SOLID WASTE DISPOSAL. ACCORDING TO THIS ARTICLE. PERSONNEL ALREADY EMPLOYED IN THIS FIELD WOULD BE INCORPORATED INTO THE NEW SYSTEM AND THE PLANT. WHICH WOULD COMPACT AND COVER SOLID WASTE. MAY LATER BE DEVELOPED INTO A COMBUSTION PLANT COMBINED WITH AN ELECTRIC POWER INSTALLATION. A REPRESENTATIVE FOR ONE OF THE AFFECTED COMMUNITIES DEEMED THE PROPOSAL SOMEWHAT AMBITIOUS. BUT WAS PLEASED IF IT STIMULATED A DISCUSSION OF THIS SUBJECT. PARTICULARLY BEFORE A NEW LAW PROPOSAL ON SOLID WASTE IS FINALIZED. THE ESTABLISHMENT OF TOO MANY SMALL DUMPS IS A VERY REAL CONCERN. BUT SO IS ALSO THE TREATMENT OF PROBLEM WASTE. SUCH AS OIL RESIDUE. INDUSTRIAL WASTE. POISONS. ETC.

LIBYA "CONTRACT OF 280 MILLION FRANCS WITH FRENCH FIRM." NUISANCES ET ENVIRONNEMENT. NO. 49
EPA
SE( ) FRENCH 04/00/76 PGS 23 ID# 03643A

A FRENCH FIRM HAS CONCLUDED A CONTRACT IN THE AMOUNT OF 280 MILLION FRANCS FOR THE DELIVERY OF TWO SOLID WASTE TREATMENT UNITS TO LIBYA. THESE UNITS FOR THE TREATMENT OF HOUSEHOLD. HOSPITAL. AND SLAUGHTERHOUSE WASTES ARE TO BE LOCATED NEAR TRIPOLI AND BENGHAZI AND ARE EXPECTED TO PROCESS 500 AND 400 TONS OF WASTE PER DAY RESPECTIVELY. PLANT PROCESSES WILL INCLUDE INCINERATION OF NON-DEGRADABLE SUBSTANCES SUCH AS METALS AND PLASTICS. AS WELL AS THE RAPID CONTROLLED BIOLOGICAL DEGRADABILITY OF REMAINING WASTES. THIS PROCESS OF DECOMPOSITION WILL PRODUCE A TYPE OF HUMUS WHICH IS DIRECTLY APPLICABLE IN AGRICULTURE.

SWEDEN "DECISION BY THE NATIONAL ENVIRONMENT PROTECTION BOARD - APPLICANT: KARLSHAMN VEGETABLE OIL FACTORY. LTD." ENVIRONMENT CANADA TRANSLATION 00ENV TR - 986
SWEDEN. NATIONAL SWEDISH ENVIRONMENT PROTECTION BOARD EPA
LR(B) ENGLISH 00/00/74 PGS 1-23 ID# 03655A
*GENERAL WATER AIR TOXIC SUBS

SOLID WASTE

SWEDEN "BEER CANS BECOME ENVIRONMENTALLY MORE SUITABLE AND ALSO MORE EXPENSIVE." SVENSKA DAGBLADET

EPA

PM(B) SWEDISH 03/27/76 PGS 5 ID# 03628A

AN ENVIRONMENTAL EXPENDITURE COMMISSION PREDICTS NO FORESEEABLE SOLUTION TO THE PROBLEM OF LITTERING WITH EMPTY BEER CANS AND BOTTLES BUT DOES RECOMMEND A SMALL INCREASE IN THE RETURNABLE BOTTLE DEPOSIT. THE CONTROVERSIAL FEE, WHICH WAS INTRODUCED THREE YEARS AGO, HAS NEVER HAD ANY ENVIRONMENTAL EFFECT, ACCORDING TO ITS CRITICS. THE GOVERNMENT IMPOSED THE FEE IN ORDER TO FINANCE A PRICE STOP ON FOOD PRODUCTS, AND NOW IT DOES NOT WANT TO LOSE THE ADDITIONAL REVENUE OF ABOUT 100 MILLION SWEDISH KRONOR PER YEAR. IF THE PRICE INCREASE IS APPROVED BY PARLIAMENT, IT IS SPECULATED THAT THE MINISTER OF FINANCE MAY BE MORE APT TO APPROPRIATE FUNDS FOR ENVIRONMENTAL COMMUNITY CLEAN-UP PROGRAMS, ACCORDING TO THIS ARTICLE. IT IS GENERALLY BELIEVED THAT A BAN ON EXPENDABLE CONTAINERS WOULD HAVE NO POSITIVE EFFECT ENVIRONMENTALLY. INSTEAD, MANUFACTURERS SHOULD BE PERSUADED TO MAKE THEM MORE SUITABLE TO THE ENVIRONMENT. AN EXAMPLE OF A TIN-FREE BEER CAN, OPENED BY APPLYING PRESSURE RATHER THAN BY PULLING AND DISPOSING OF A SMALL TAB, IS CITED.

TOXIC SUBS

EUROPEAN COMMUNITIES "PROPOSAL FOR A COUNCIL DIRECTIVE CONCERNING THE DUMPING OF WASTES AT SEA." OFFICIAL JOURNAL OF THE EUROPEAN COMMUNITIES

EPA

LR(A) ENGLISH 02/20/76 PGS 3-11 ID# 03620A
*WATER SOLID WASTE

FINLAND "MORE STRINGENT LAWS FOR WATER POLLUTION." HUFVUDSTADSBLADET

EPA

LR(B) SWEDISH 12/24/75 PGS 1, 9 ID# 03638A
*WATER SOLID WASTE

SWEDEN "DECISION BY THE NATIONAL ENVIRONMENT PROTECTION BOARD - APPLICANT: KARLSHAMN VEGETABLE OIL FACTORY, LTD." ENVIRONMENT CANADA TRANSLATION 00ENV TR - 986 SWEDEN, NATIONAL SWEDISH ENVIRONMENT PROTECTION BOARD

EPA

LR(B) ENGLISH 00/00/74 PGS 1-23 ID# 03655A
*GENERAL WATER SOLID WASTE AIR

WATER

BELGIUM "WASTEWATER DISCHARGE AUTHORIZATIONS IN CERTAIN WATERCOURSES." MONITEUR BELGE

EPA

LR(A) FRENCH 02/11/75 PGS 1506 ID# 00549K

ENTERPRISES LOCATED ON FOUR CANALS DESIGNATED IN THIS AUTHORIZATION ARE BEING GIVEN 20 MONTHS TO BRING THEIR EFFLUENT DISCHARGES INTO COMPLIANCE WITH THE CONDITIONS PRESCRIBED IN THE JANUARY 6, 1975 CROWN DECREE FOR THE IMPLEMENTATION OF ARTICLE 14 OF THE JANUARY 23, 1974 CROWN DECREE ON THE DISCHARGE OF WASTEWATER INTO PUBLIC SEWERS AND SURFACE WATERS. SECTIONS OF THE FOLLOWING FOUR CANALS ARE SO DESIGNATED: THE CANAL GAND TERNEUZEN, THE CANAL "VERBINDINGSVAART," THE CANAL "RINGVAART" AND THE CANAL "NOORVAART."

BRAZIL "BRAZIL NEED NOT IMPORT ANTIPOLLUTION EQUIPMENT." O GLOBO

EPA

SE( ) PORTUGUESE 02/18/76 PGS 6 ID# 03663A

#AIR

CANADA GUIDELINES ON THE USE AND ACCEPTABILITY OF OIL SPILL DISPERSANTS

CANADA. ENVIRONMENT CANADA EPA

LR(B) ENGLISH 08/00/73 PGS 1-54 ID# 03666A

#ALSO FRENCH

THIS REPORT FORMS THE FOUNDATION OF ENVIRONMENT CANADA GUIDELINES ON THE USE AND ACCEPTABILITY OF OIL SPILL DISPERSANTS. A STANDARD LIST OF DISPERSANTS WILL BE PREPARED ON THE BASIS OF THESE GUIDELINES. ONLY DISPERSANTS THAT SATISFY THE ACCEPTABILITY CRITERIA SHALL BE ALLOWED FOR USE AND, EXCEPT IN THE CASE OF EXTREME EMERGENCY, ONLY WITH THE EXPRESS PERMISSION OF ENVIRONMENT CANADA OR DELEGATED PROVINCIAL AUTHORITIES. FURTHERMORE, IN VIEW OF VARIOUS PROVINCIAL LEGISLATION, THE USE OF DISPERSANTS IS ALSO SUBJECT TO THE REQUIREMENTS OF THE PROVINCES CONCERNED. USES ARE LIMITED TO WELL-SPECIFIED SPILL SITUATIONS AND A DETAILED REPORT ON EACH USE IS REQUIRED. DISPERSANTS MUST CONTAIN NO HIGHLY TOXIC COMPOUNDS, MUST SATISFY TOXICITY AND BIODEGRADABILITY SPECIFICATIONS, MUST BE EFFECTIVE UNDER CONDITIONS OF USE AND MUST BE APPLIED IN A RECOMMENDED MANNER. PROCEDURES FOR HAVING A DISPERSANT PLACED ON THE STANDARD LIST ARE PRESENTED ALONG WITH LABELING REQUIREMENTS.

WATER

CANADA

SURFACE WATER DATA REFERENCE INDEX--CANADA 1975
CANADA. ENVIRONMENT CANADA
EPA
PH(B) ENGLISH# 00/00/76 PGS 1-276 ID# 03677A
#ALSO FRENCH

THIS PUBLICATION, PREPARED BY THE APPLIED HYDROLOGY DIVISION OF THE WATER RESOURCES BRANCH, PRESENTS CANADIAN HYDROMETRIC SURVEY RECORDS FOR 1975. THE MAIN BODY OF THE INDEX IS A TABULATION OF STATIONS SHOWING STATION NAME, DRAINAGE AREA, GAUGE LOCATION, DISCHARGE RECORDS, TYPE OF GAUGE, AND OPERATION SCHEDULE. THE NAMES OF RIVERS AND LAKES FOR WHICH DATA ARE AVAILABLE ARE GIVEN IN A STATION NUMBER INDEX AND AN ALPHABETICAL INDEX. DATA IS ORGANIZED ALPHABETICALLY BY PROVINCE OR TERRITORY, AND WITHIN EACH SUCH GEOGRAPHIC DIVISION, STATIONS ARE LISTED IN STREAM ORDER BEGINNING WITH THE MOST UPSTREAM STATION.

CANADA

OPERATIONAL MODE FOR PREDICTING THE MOVEMENT OF OIL IN CANADIAN NAVIGABLE WATERS. MANUSCRIPT REPORT SERIES NO. 37
CANADA. ENVIRONMENT CANADA
EPA
ST( ) ENGLISH 00/00/75 PGS 1-30 ID# 03669A

THIS REPORT, PREPARED BY THE MARINE ENVIRONMENTAL DATA SERVICE, IS CONCERNED WITH A FEASIBILITY STUDY TO DEVELOP AND EVALUATE COMPUTER PREDICTION OF THE MOVEMENT OF OIL SLICKS IN CANADIAN NAVIGABLE WATERS. SOME GUIDELINES FOR ESTABLISHING A DATA BANK ON THE TOPOGRAPHIES OF THE WATER BODIES, CLIMATOLOGY OF THE VARIOUS REGIONS AND TIDAL CURRENTS IN DIFFERENT LOCATIONS ARE DEVELOPED. DESCRIPTIONS OF THE COMPUTER PROGRAMS AND THE RELEVANT SUBROUTINES ARE INCLUDED.

CANADA

WATER RESOURCES RESEARCH SUPPORT PROGRAM 1975-1976
CANADA. ENVIRONMENT CANADA
EPA
ST( ) ENGLISH# 00/00/75 PGS 1-12 ID# 03676A
ALSO PHB/#ALSO FRENCH

THE DEPARTMENT OF THE ENVIRONMENT, ON THE RECOMMENDATION OF THE WATER RESOURCES RESEARCH SUPPORT PROGRAM REVIEW GROUP, HAS AGREED TO PROVIDE A TOTAL OF $1,000,000 FOR WATER-RELATED ENVIRONMENTAL RESEARCH DURING 1975-76 TO THE CANADIAN UNIVERSITY RESEARCH COMMUNITY. TWENTY-ONE UNIVERSITIES ACROSS CANADA WILL SHARE THE $1,000,000, WHICH WILL BE USED TO SUPPORT BOTH UNIDISCIPLINARY AND MULTI- OR INTERDISCIPLINARY RESEARCH PROGRAMS AIMED AT SOLVING REGIONAL AND NATIONAL WATER RESEARCH ISSUES. THIS PUBLICATION PROVIDES DETAILS ON THE VARIOUS RESEARCH AGREEMENTS. ITEMIZED FOR EACH GRANT ARE THE UNIVERSITY AND DEPARTMENT TO WHICH SUPPORT IS BEING EXTENDED; AMOUNT OF ASSISTANCE; RESEARCH PROJECT TITLE; LIAISON OFFICER; AND A BRIEF DESCRIPTION OF THE STUDY OBJECTIVE.

CANADA

MINE AND MILL WASTEWATER TREATMENT. ECONOMIC AND TECHNICAL REVIEW REPORT
EPS 3-WP-75-5
CANADA. ENVIRONMENT CANADA
ST( ) ENGLISH 12/00/75 PGS 1-141 EPA ID# 03683A

THIS REPORT, PREPARED BY THE WATER POLLUTION CONTROL DIRECTORATE, REVIEWS THE ORIGIN OF WATER BORNE WASTES (MINE DRAINAGE, MILL PROCESS EFFLUENT AND SURFACE RUNOFF) ENCOUNTERED IN METAL MINING AND MILLING OPERATIONS, AND THE ASSOCIATED CHEMICAL PROCESSES RESULTING IN CONTAMINATED EFFLUENTS. IT DEALS WITH THE TYPES OF CONTAMINANTS NORMALLY ENCOUNTERED IN WASTEWATERS DISCHARGED FROM THE INDUSTRY AND THE TECHNOLOGY CURRENTLY EMPLOYED FOR THE ABATEMENT AND CONTROL OF WATER POLLUTION. THE DESIGN AND OPERATION OF THE MOST WIDELY USED TREATMENT FACILITY, THE TAILINGS POND, IS COVERED IN SOME DETAIL. TREATMENT OF ACID MINE WATER IN THE NEWER MECHANICAL TREATMENT SYSTEMS IS ALSO REVIEWED. ONE SECTION DEALS WITH THE ECONOMIC IMPACT OF EFFLUENT TREATMENT ON THE MINING INDUSTRY. THE COSTS OF CONSTRUCTING AND OPERATING SOUND ENVIRONMENTAL CONTROL SYSTEMS ARE DISCUSSED AND DATA AND METHODOLOGIES FOR DERIVING SUCH COSTS ARE PROVIDED. SEVERAL CASE STUDIES COVERING TREATMENT COSTS ARE INCLUDED.

CANADA

REVIEW OF HEATED DISCHARGE MANAGEMENT AND CONTROL ALTERNATIVES: ONCE-THROUGH SYSTEMS IN LARGE WATER BODIES. ECONOMICS AND TECHNICAL REVIEW REPORT EPS 3-WP-75-4
JAMES F. MACLAREN LIMITED
ST( ) ENGLISH 12/00/75 PGS 1-161 EPA IO# 03687A
ALSO PMB AND LRB

THIS REPORT, PREPARED FOR THE WATER POLLUTION CONTROL DIRECTORATE OF ENVIRONMENT CANADA, PRESENTS A REVIEW OF CURRENT LITERATURE AND FOREIGN LEGISLATION DEALING WITH HEATED DISCHARGES FROM THERMAL POWER PLANTS. MANAGEMENT AND CONTROL ALTERNATIVES ARE DISCUSSED, WITH PARTICULAR REFERENCE TO THE PROBLEMS ASSOCIATED WITH ONCE-THROUGH COOLING SYSTEMS DISCHARGING INTO LARGE WATER BODIES. TOPICS DISCUSSED INCLUDE THE ENVIRONMENTAL EFFECTS OF COOLING SYSTEMS, ALTERNATE DESIGNS FOR INTAKES AND COOLING SYSTEMS, METHODS FOR THE PREDICTION AND MONITORING OF ENVIRONMENTAL EFFECTS OF HEATED DISCHARGES, AND RESEARCH NEEDS. PAST AND EXISTING STANDARDS AND REGULATIONS FOR TEMPERATURE CONTROL IN OTHER COUNTRIES ARE CRITICALLY REVIEWED. RECOMMENDATIONS ARE MADE CONCERNING THE SELECTION OF POWER PLANT SITES, PRE-OPERATIONAL AND OPERATIONAL SURVEYS, THE DEVELOPMENT OF CRITERIA FOR HEATED DISCHARGE REGULATION, INTAKE AND OUTFALL DESIGN, AND ALTERNATIVE COOLING SYSTEMS.

CUBA "POLLUTION IN CUBA." JOINT PUBLICATIONS RESEARCH SERVICE. TRANSLATIONS ON LATIN AMERICA. NO. 1291

PH(S) ENGLISH 04/22/75 PGS 24-26 EPA ID# 03660A
PESTICIDES SOLID WASTE AIR

A BRIEF DESCRIPTION OF THE FORMS OF AIR, WATER AND SOIL POLLUTION EXISTING IN CUBA AND THE ACTIVITIES WHICH CAUSE THEM IS CONTAINED IN THIS ARTICLE. IN GENERAL, POLLUTION IN CUBA HAS NOT REACHED ALARMING PROPORTIONS, BUT THE NEED FOR ENVIRONMENTAL PLANNING IN FUTURE DEVELOPMENT IS RECOGNIZED. THERE IS NO HEAVY CONCENTRATION OF INDUSTRY, AND AIR POLLUTION IS NOT A SERIOUS ENVIRONMENTAL CONCERN AT PRESENT; HOWEVER, SEWAGE, REFUSE AND THE WASTEWATERS FROM SUGAR CENTRALS, ALCOHOL DISTILLERIES, TANNERIES, TEXTILE PLANTS, OIL REFINERIES, SOAP PLANTS AND OTHER CHEMICAL INDUSTRIES ARE SIGNIFICANT POLLUTANTS AS ARE THE LARGE AMOUNTS OF FERTILIZERS AND PESTICIDES USED IN AGRICULTURE AND THE ORGANIC WASTES GENERATED BY DAIRIES, FEEDLOTS, GENETIC CENTERS, ETC. PRESENT ANTIPOLLUTION MEASURES INCLUDE THE SUBSTITUTION OF SANITARY LANDFILLS FOR OPEN SEWERS, RECOVERY AND REUSE OF MATERIALS AND THE COLLECTION OF ORGANIC REFUSE FOR A PIG FODDER. (THE SPANISH LANGUAGE ORIGINAL OF THIS ARTICLE FIRST APPEARED IN GRANMA, MARCH 14, 1975, P. 4.)

DENMARK VAND - KVALITETSKRAV (WATER QUALITY REQUIREMENTS). POLLUTION CONTROL BOARD PUBLICATION NO. 13

PH(S) DANISH 07/00/71 PGS 1-99 EPA ID# 03621A

THIS REPORT WAS SUBMITTED BY THE QUALITY GROUP OF THE MAIN WATER COMMITTEE, WHICH WAS CREATED BY THE POLLUTION CONTROL BOARD AND THE TECHNICAL POLLUTION COMMITTEE IN 1970. THE FOLLOWING SUBJECTS ARE DISCUSSED: LIMITS FOR DRINKING WATER, FOR WATER USED IN PONDS AND FOR FISHING AND FOR WATER USED FOR RECREATIONAL PURPOSES. ALSO DISCUSSED ARE REQUIREMENTS FOR: WATER USED IN INDUSTRY; WATER USED IN AGRICULTURE; WASTEWATER; ADDITIVES TO DRINKING WATER; AND MATERIAL USED IN WATER SUPPLY. SUGGESTIONS FOR RESEARCH ARE ALSO PRESENTED. THE GROUP CONCLUDES THAT ALTHOUGH QUALITY GUIDELINES ARE SUFFICIENT FOR MOST AREAS THEY ARE SOMETIMES IGNORED AND WATER TESTING IS INFREQUENT EVEN WHEN THE LAW AUTHORIZES IT. MANY OF THE METHODS EMPLOYED TO ESTIMATE QUALITY AND THE STATISTICAL HANDLING OF DATA NEED IMPROVEMENT. A REFERENCE LITERATURE LIST IS INCLUDED.

DENMARK "OUR WATERCOURSES WILL NOW BE CLEANER." BERLINGSKE TIDENDE ENGELL, HANS

PH(S) DANISH 03/11/76 PGS (I) 9 EPA ID# 03630A

THIS ARTICLE REPORTS THAT DANISH MUNICIPALITIES MUST SUBMIT WASTEWATER PLANS BEFORE OCTOBER 1, 1976 IN ORDER TO ASSURE THE COUNTRY OF SATISFACTORY WATER STANDARDS. THE MUNICIPALITIES WITHIN THE CAPITAL REGION ARE TO SUBMIT THEIR PLANS TO THE METROPOLITAN COUNCIL FOR APPROVAL. THE REMAINING MUNICIPALITIES WILL SUBMIT THEIRS TO APPROPRIATE COUNTRY AUTHORITIES. DECISIONS MAY BE APPEALED TO THE ENVIRONMENTAL PROTECTION AGENCY. THE PLANS SHOULD CONTAIN: AN OVERALL DESCRIPTION OF EXISTING SEWAGE SYSTEMS AND DRAINAGE; NUMBER OF PEOPLE AND INDUSTRIES IN THE AREA; AMOUNT OF WASTEWATER AND RAINFALL; WASTEWATER STRAIN ON AN AREA'S WATERCOURSES, LAKES AND THE SEA; AND PLANS FOR FUTURE SEWAGE AND DRAINAGE OF WASTE- AND RAINWATER INTO WATERCOURSES. BASED UPON THESE PLANS, WHICH WERE PRECEDED BY WATER QUALITY TESTS AND PLANS ESTIMATING DESIRED STANDARDS BY THE METROPOLITAN COUNCIL AND THE COUNTIES, THE COST OF CLEAN WATER WILL BE ESTIMATED FOR EACH CITIZEN AND LANDOWNER.

WATER

DENMARK

FORSKNING: EN REDEGORELSE FRA FORSKNINGSUDVALGET OG HUVEDVANDUDVALGET (RESEARCH: REPORT OF THE RESEARCH AND MAIN WATER COMMITTEES). POLLUTION CONTROL BD. PUB. 29

EPA

PH(B) DANISH 03/00/72 PGS 1-29 ID# 03654A

THIS REPORT COVERS THE FOLLOWING SUBJECTS: HYDROLOGY AND HYDRAULICS; PATHOGENIC ORGANISMS; ORGANIC SUBSTANCES WHICH ARE EASY TO BREAK DOWN; ORGANIC SUBSTANCES WHICH ARE DIFFICULT TO BREAK DOWN; NUTRIENT SALTS; HEAVY METALS; OTHER INORGANIC COMPOUNDS; OTHER INFLUENCES; AND SEDIMENT PROBLEMS. THE PRIORITY OF WATER POLLUTION RESEARCH AND ITS ORGANIZATION AND FINANCING ARE DISCUSSED AND A SURVEY OF PRESENT AND PLANNED WATER RESEARCH IS PRESENTED. THE APPENDED MATERIAL INCLUDES AMONG OTHER THINGS: A CHART SHOWING RESEARCH PRIORITY ARRANGED ACCORDING TO SUBSTANCE; A SURVEY OF WATER POLLUTION INSTITUTIONS; A LIST OF REGISTERED RESEARCH PROJECTS; PRESENT AND PLANNED RESEARCH COSTS ARRANGED ACCORDING TO SUBSTANCE; SCHEMATIC PRESENTATION OF THE DISTRIBUTION OF RESEARCH LISTED ACCORDING TO ORIGINATORS OF THE PROJECTS; DISTRIBUTION OF RESEARCH MEANS TO PRESENT AND PLANNED RESEARCH PROJECTS ACCORDING TO VARIOUS INSTITUTION CATEGORIES; AND SUGGESTIONS FOR DISTRIBUTION OF PUBLIC MEANS TO WATER POLLUTION RESEARCH.

DENMARK

RASTOFINDVINDING. BYGGE- OG ANLAEGSVIRKSOMHED (RAW MATERIAL RECLAMATION. BUILDING AND CONSTRUCTION ACTIVITIES). POLLUTION CONTROL BOARD PUBLICATION NO. 19

EPA

PH(B) DANISH 08/00/71 PGS 1-79 ID# 03665A
ALSO ST
*GENERAL

DENMARK

"THE ENVIRONMENTAL PROTECTION AGENCY WANTS DENMARK'S GROUNDWATER MAPPED OUT." BERLINGSKE TIDENDE

EPA

PH(B) DANISH 03/11/76 PGS 10 (I) ID# 03668A
ALSO LRB

THE DANISH ENVIRONMENTAL PROTECTION AGENCY WANTS TO DEVELOP A UNIFORM, UNAMBIGUOUS MAP OF THE COUNTRY'S DRINKING WATER SOURCES TO FACILITATE THE TASK OF COUNTIES AND MUNICIPALITIES IN MAKING PLANS FOR THE FUTURE AS STIPULATED IN THE PLANNING LAW, WHICH WILL GO INTO EFFECT IN LESS THAN A YEAR. ALSO DEVELOPED FOR USE IN THE MAPPING PROCESS IS A SYSTEM OF SYMBOLS FOR INDICATING THE PRESENCE OF RAW MATERIALS IN THE SUBSOIL. FOR EXAMPLE, SAND, CLAY, GRAVEL, STONE, LIME, AND PEAT. GUIDELINES FOR THE MAPPING OF WASTEWATER HAVE ALREADY BEEN ISSUED, AND GUIDELINES FOR THE MAPPING OF NOISE ARE FORTHCOMING. ALL REPORTS ARE ISSUED WITH THE COOPERATION OF THE ENVIRONMENTAL PROTECTION AGENCY, THE FEDERATION OF COUNTY COUNCILS, THE FEDERATION OF MUNICIPALITIES, AND THE METROPOLITAN COUNCIL.

WATER

EUROPEAN COMMUNITIES "PROPOSAL FOR A COUNCIL DIRECTIVE CONCERNING THE DUMPING OF WASTES AT SEA." OFFICIAL JOURNAL OF THE EUROPEAN COMMUNITIES

EPA

LR(A) ENGLISH 02/20/76 PGS 3-11 ID# 03620A

TOXIC SUBS SOLID WASTE

IN ACCORDANCE WITH THE VARIOUS EXISTING EUROPEAN TREATIES AND CONVENTIONS FOR ECONOMIC COOPERATION AND ENVIRONMENTAL PROTECTION, THIS DIRECTIVE OF THE EUROPEAN COMMUNITIES APPLIES TO THE PREVENTION AND ABATEMENT OF MARINE POLLUTION CAUSED BY DUMPING OF WASTES FROM SHIPS AND AIRCRAFT REGISTERED IN A MEMBER STATE, WITHIN THE TERRITORY OF A MEMBER STATE, OR LOADED WITHIN A MEMBER STATE. THE DUMPING OF THE SUBSTANCES LISTED IN ANNEX I OF THE DIRECTIVE IS PROHIBITED, AND THE MATERIALS LISTED IN ANNEX II MAY NOT BE DUMPED AT SEA WITHOUT A SPECIAL PERMIT. THE DUMPING OF OTHER WASTES, NOT LISTED IN ANNEXES, REQUIRES A GENERAL PERMIT. THE VARIOUS ARTICLES OF THE DIRECTIVE DELINEATE THE PROCEDURES AND FORMS TO BE USED BY THE MEMBER STATES IN ISSUING PERMITS, KEEPING RECORDS, CONDUCTING JOINT SCIENTIFIC PROGRAMS ON THIS MATTER, AND TRANSMITTING INFORMATION BETWEEN THE COUNCIL AND MEMBER STATES REGARDING THE IMPLEMENTATION OF THE PROVISIONS OF THE DIRECTIVE.

FINLAND "MORE STRINGENT LAWS FOR WATER POLLUTION." HUFVUDSTADSBLADET

EPA

LR(B) SWEDISH 12/24/75 PGS 1, 9 ID# 03638A

TOXIC SUBS SOLID WASTE

A COMMITTEE ESTABLISHED TO STUDY THE PROTECTION OF THE MARINE ENVIRONMENT HAS RECOMMENDED EXTENSIVE CHANGES IN FINNISH LEGISLATION IN ORDER TO ENABLE FINLAND TO ADHERE TO THE HELSINKI CONVENTION, WHICH HAS NOW BEEN SIGNED BY ALL SEVEN BALTIC STATES. ACCORDING TO THE CONVENTION, THESE COUNTRIES PLEDGE TO PREVENT DANGEROUS SUBSTANCES, FOR EXAMPLE DDT AND PCB, FROM BEING DUMPED INTO THE BALTIC AND TO SUPERVISE AND LIMIT ENVIRONMENTAL POLLUTION CAUSED BY MERCURY AND CADMIUM. IT ALSO ISSUES STIPULATIONS FOR THE TREATMENT OF WASTEWATER FROM HOUSING AND DEALS WITH INDUSTRIAL POLLUTION AND THE DUMPING OF WASTE INTO THE SEA. THE COMMITTEE RECOMMENDS THAT APPLICABLE PERMITS BE ISSUED THROUGH THE WATER COURTS EXCEPT WHEN THE WASTE IS TO BE DUMPED OUTSIDE OF FINNISH TERRITORIAL WATERS, IN WHICH CASE THE CABINET WOULD BE RESPONSIBLE. THE COMMITTEE RECOMMENDS MORE PRECISE LEGISLATION CONCERNING WATER POLLUTION, DANGEROUS SUBSTANCES AND SOLID WASTE.

WATER

FINLAND "MAY 24, 1974 LAW NO. 378 ON THE COMBATING OF OIL POLLUTION ON LAND." FINLANDS FORFATTNINGSSAMLING NO. 375-385

EPA

LR(A) SWEDISH 05/24/74 PGS 705-706 ID# 03657A

THIS LAW STATES THAT CRUDE OIL AND ITS PRODUCTS MAY NOT BE EJECTED ONTO THE GROUND OR INTO WATER, NOR DEPOSITED OR HANDLED IN A WAY THAT COULD CAUSE OBVIOUS POLLUTION. THE POLICE OR FIRE DEPARTMENT AND, IF POSSIBLE, THE PERSON IN CHARGE OF THE OIL, MUST IMMEDIATELY BE NOTIFIED IN CASE OF POLLUTION. A PERSON WHO STORES OR HANDLES OIL HAS A DUTY TO TAKE REASONABLE MEASURES TO PREVENT AND FIGHT OIL POLLUTION. IF 100,000 LITER OIL OR MORE IS STORED OR DEPOSITED, SPECIALLY TRAINED PERSONNEL AND APPROPRIATE EQUIPMENT MUST BE ON HAND. THE WATER BOARD IS IN OVERALL CHARGE OF POLLUTION PREVENTION AND COMBAT. COOPERATION BETWEEN MUNICIPALITIES OR MUNICIPALITIES AND PERSONS STORING OIL MUST HAVE THE CONSENT OF THE WATER DIVISION OF THE WATER DISTRICT. THIS BODY ALSO CONFIRMS OIL PREVENTION PLANS SUBMITTED BY EACH MUNICIPALITY AND CHECKS THAT POLLUTION CONTROL STIPULATIONS ARE BEING CARRIED OUT. VIOLATION OF THIS LAW IS PUNISHABLE BY FINES OR IMPRISONMENT OF UP TO TWO YEARS.

FINLAND "DECEMBER 20, 1974 REGULATIONS NO. 977 ON THE COMBATING OF OIL POLLUTION ON LAND." FINLANDS FORFATTNINGSSAMLING NO. 977-985

EPA

LR(A) SWEDISH 12/20/74 PGS 1717-1719 ID# 03657B

THESE REGULATIONS, WHICH WENT INTO EFFECT ON JANUARY 1, 1975, WERE ISSUED IN PURSUANCE OF LAW NO. 378 ON THE COMBATING OF OIL POLLUTION ON LAND. INFORMATION CONCERNING THE KIND OF EQUIPMENT A PERSON STORING OIL NEEDS ON HIS PREMISES, HOW HE SHOULD INSTRUCT HIS PERSONNEL, AND HOW MUNICIPAL PLANS SHOULD BE DRAWN UP, IS GIVEN. IF 1,000,000 LITER OIL OR MORE IS STORED AT THE SAME LOCATION, A REPORT ON THE COMBATING PLAN MUST BE FILED FOR APPROVAL WITH THE LOCAL AUTHORITIES AND THE WATER DIVISION OF THE WATER DISTRICT. IN CERTAIN CASES, THIS BODY MAY ISSUE ORDERS OF A MORE EFFECTIVE PREVENTION POLICY THAN THE LAW DECREES. THE LOCAL AUTHORITIES ARE TO CATALOG ALL FUEL OIL CISTERNS CONTAINING LESS THAN 100,000 LITERS OIL, IF THEY ARE LOCATED IN IMPORTANT GROUNDWATER AREAS, AND SUBMIT THE INFORMATION TO THE WATER DIVISION, WHICH ALSO CATALOGS EQUIPMENT NOT MENTIONED IN THE MUNICIPAL PLANS. THE MINISTRY OF AGRICULTURE AND FORESTRY MAY ISSUE FURTHER INFORMATION ABOUT THESE REGUALTIONS IF NECESSARY.

FINLAND "WASTE COULD BE A PROBLEM FOR FUR INDUSTRY." HUFVUDSTADSBLADET

PH(B) SWEDISH 01/23/76 PGS 11 EPA ID# 03634A
*SOLID WASTE

FRANCE "ADOPTION OF ANTI-POLLUTION BILLS." LE MONDE

LR(B) FRENCH 05/15/76 PGS 5 EPA ID# 03674A

TWO ANTI-POLLUTION TEXTS ARE REPORTED TO HAVE BEEN ADOPTED BY THE FRENCH SENATE ON MAY 13, 1976. THESE TEXTS CONCERNED THE FOLLOWING MEASURES: 1) A BILL ON THE PREVENTION AND ABATEMENT OF MARINE POLLUTION DESIGNED TO REINFORCE EXISTING NATIONAL LEGAL PROVISIONS FOR THE IMPLEMENTATION OF THE FEBRUARY 15, 1972 OSLO INTERNATIONAL CONVENTION; AND 2) A BILL ON THE INCINERATION AT SEA OF INDUSTRIAL WASTES, AN ACTIVITY WHICH HAS RESULTED IN A FORM OF POLLUTION STILL UNREGULATED BY INTERNATIONAL CONVENTION. AMENDMENTS INTRODUCED TO THE TEXTS BY THE SENATE HAVE PREVENTED THEM FROM ENTERING INTO FORCE AS LAWS. THE AMENDMENT TO THE FIRST BILL WOULD PERMIT MARITIME AUTHORITIES TO DETAIN FOR A MAXIMUM OF EIGHT DAYS ANY PARTY HAVING BEEN SERVED WITH A NOTICE OF VIOLATION, WHILE THE AMENDMENT TO THE INCINERATION BILL WOULD GRANT A CONTROL ROLE TO THE ADMINISTRATION.

FRANCE "GOVERNMENT DECIDES ON THE CREATION OF A NATIONAL POLLUTION CONTROL AGENCY." LE MONDE

PH(A) FRENCH 05/13/76 PGS 34 EPA ID# 03632A
ALSO LRB
*AIR GENERAL

FRANCE "THREE FACTORIES IN THE MEADOWS." LE MONDE
AMBROISE-RENDU, MARC

PH(B) FRENCH 06/09/76 PGS 32 EPA ID# 03640A
*GENERAL AIR

WATER

GERMANY,FED REP OF "DEC. 19, 1973 ORDINANCE REGARDING WATER-ENDANGERING SUBSTANCES BEING CONDUCTED IN PIPELINE INSTALLATIONS." BUNDESGESETZBLATT, I

EPA

LR(A) GERMAN 04/08/76 PGS 1946 ID# 00478G

THIS ORDINANCE LISTS SUBSTANCES TO BE CONSIDERED WATER-ENDANGERING IN ACCORDANCE WITH SECTION 19A, PARAGRAPH 2, NUMBER 2 OF THE (1957) WATER MANAGEMENT LAW, AS AMENDED. (SECTION 19A CONCERNS THE APPROVAL OF PIPELINE INSTALLATIONS CONDUCTING WATER-ENDANGERING SUBSTANCES.) THE GROUPS OF SUBSTANCES LISTED ARE: LIQUID PETROLEUM PRODUCTS; TAR OILS AND THEIR DERIVATIVES; LIQUID HYDROCARBONS; ACETYLENE AND ETHYLENE; ORGANIC ACIDS LIKE ACETIC ACID; ALDEHYDES; ALCOHOLS LIKE METHANOL; ESTERS OF ACETIC ACID; HYDROCARBONS CONTAINING HALOGENS LIKE VINYLCHLORIDE; HYDROCARBONS CONTAINING NITROGEN; AROMATICS; INORGANIC ACIDS AND LYES; CHLORINE; AMMONIA; AND OTHER LIQUIDS OR GASES CONTAINING THE SUBSTANCES LISTED ABOVE OR IN 19A, PARAGRAPH 2, NUMBER 1 IN SUFFICIENT QUANTITY TO POLLUTE. THE APRIL 5, 1976 ORDINANCE AMENDING THE 1973 ORDINANCE ADDS TO THE LIST OF WATER-ENDANGERING SUBSTANCES SOLUTIONS CONTAINING SALTS IN A QUANTITY GREAT ENOUGH TO POLLUTE OR DETRIMENTALLY AFFECT WATER (BUNDESGESETZBLATT, I, APRIL 8, 1976, P. 915).

GERMANY,FED REP OF "APRIL 26, 1976 FOURTH LAW TO AMEND THE WATER MANAGEMENT LAW." BUNDESGESETZBLATT, I

EPA

LR(A) GERMAN 04/30/76 PGS 1109-1118 ID# 00478H

THE FOURTH AMENDMENT ENJOINS WATER USERS TO EXERCISE SUFFICIENT CAUTION IN THEIR ACTIVITIES TO AVOID POLLUTING OR OTHERWISE IMPAIRING WATER QUALITY. A PERMIT FOR THE INTRODUCTION OF SEWAGE INTO WATER MAY ONLY BE ISSUED IF THE QUANTITY AND HARMFULNESS OF THE SEWAGE IS LIMITED ACCORDING TO GENERALLY RECOGNIZED RULES OF TECHNOLOGY. THE FEDERAL GOVERNMENT, WITH APPROVAL OF THE FEDERAL COUNCIL, MAY ISSUE GUIDELINES FOR MINIMUM REQUIREMENTS ON SEWAGE INTRODUCED INTO WATER. THE STATES ARE TO DEVELOP SUPRAREGIONAL SEWAGE REMOVAL PLANS. RULES FOR THE STORAGE, DRAWING OFF, AND TRANSLOADING OF WATER-ENDANGERING SUBSTANCES ARE ESTABLISHED. CERTAIN WATER USERS ARE REQUIRED TO APPOINT ONE OR MORE WATER PROTECTION OFFICIALS TO FULFILL OBLIGATIONS OUTLINED IN THE AMENDMENT. CLEAN WATER ORDERS CAN BE ISSUED BY THE STATES PROHIBITING OR LIMITING THE DISCHARGE OF GIVEN SUBSTANCES. THE STATES ARE ALSO TO DEVELOP WATER MANAGEMENT PLANS TO PROTECT PUBLIC WATER SUPPLY AND ALLOW IMPLEMENTATION OF INTERNATIONAL WATER OBLIGATIONS.

WATER

GERMANY,FED REP OF

"OCTOBER 30, 1973 GUIDELINE FOR OIL BINDERS." GEMEINSAMES MINISTERIALBLATT. NO. 26
GERMANY, FED REP OF. FEDERAL MINISTRY OF THE INTERIOR EPA
LR(A) GERMAN 11/06/73 PGS 475-482 ID# 03652A
GENERAL

THIS GUIDELINE FOR THE QUALITY, PACKAGING, LABELLING, TESTING AND MEASUREMENT OF OIL BINDING AGENTS WAS DEVELOPED BY THE BAVARIAN STATE OFFICE FOR WATER SUPPLY AND WATER PROTECTION AND APPROVED BY THE COMMITTEE ON THE STORAGE AND TRANSPORT OF WATER-ENDANGERING SUBSTANCES OF THE FEDERAL MINISTRY OF THE INTERIOR. IT IS RECOMMENDED TO THOSE AUTHORITIES RESPONSIBLE FOR REMOVING DAMAGES RESULTING FROM ACCIDENTS INVOLVING OIL. THERE ARE THREE BASIC SORTS OF OIL BINDERS: TYPE I FOR USE ON WATER, TYPE II FOR USE ON LAND AND SMALL BODIES OF WATER, AND TYPE III FOR SPECIAL NEEDS, ESPECIALLY IN COMMERCE AND INDUSTRY. THE GUIDELINE CONTAINS SPECIFIC SECTIONS ON USER SAFETY, BUOYANCY, GRANULARITY, STABILITY AND PACKAGING OF THE BINDERS. SUGGESTIONS ARE MADE FOR THE ENVIRONMENTALLY SAFE DISPOSAL OF THE OIL BINDER-OIL MIXTURE. TESTING METHODS FOR THE VARIOUS CHARACTERISTICS OF THE BINDERS ARE OUTLINED IN DETAIL. THE FEDERAL AND STATE OFFICES RESPONSIBLE FOR TESTING AND CERTIFICATION OF THE MATERIALS ARE LISTED.

GERMANY,FED REP OF

"LITTLE HOPE FOR CLEANER RIVERS." FRANKFURTER ALLGEMEINE ZEITUNG EPA
LR(B) GERMAN 03/16/76 PGS 4 ID# 03661A

PROPOSED CHANGES IN THE WASTEWATER FEE LAW, PENDING CONSIDERATION IN THE FEDERAL GERMAN DIET, WOULD GREATLY REDUCE ITS STRINGENCY. THE NEW PROPOSAL WOULD IMPOSE A FEE OF 12 MARKS PER "POLLUTING ENTITY" ON SEWAGE DISCHARGERS, EFFECTIVE JUNE 1, 1981, AND A FEE OF 40 MARKS PER "POLLUTING ENTITY" AS OF 1986. THIS IS IN CONTRAST TO THE INITIAL GOVERNMENT DRAFT, WHICH PROPOSED A 25 MARK FEE PER ENTITY BEGINNING IMMEDIATELY AND A 40 MARK FEE PER ENTITY EFFECTIVE IN 1980. IN ADDITION, THE NEW VERSION CONTAINS NUMEROUS RULES FOR EXCEPTING DISCHARGERS WHO WOULD SUFFER ECONOMIC LOSSES AS A RESULT OF THE FEE. THE COMPROMISE IN THE PROVISIONS OF THE LAW WAS REACHED IN THE FEDERAL MINISTRY OF THE INTERIOR IN CONSULTATION WITH REPRESENTATIVES OF AFFECTED CONCERNS. MANY INDUSTRIES AND CITY ADMINISTRATIONS HAVE OPPOSED A WASTEWATER FEE LAW FOR SEVERAL YEARS. ON THE OTHER HAND, PROPONENTS OF THE LAW FEEL THAT ONLY A STRINGENT LAW CAN OFFER AN ECONOMIC INCENTIVE TO DISCHARGERS TO CLEAN UP SEWAGE.

WATER

GERMANY,FED REP OF "EXPERTS REGARD IMPROVEMENT OF THE RHINE AS A PREDOMINANTLY GERMAN TASK." STUTTGARTER ZEITUNG

EPA

PM(B) GERMAN 03/31/76 PGS 2 ID# 03627A

THE FEDERAL GOVERNMENT'S INDEPENDENT COUNCIL OF EXPERTS ON ENVIRONMENTAL QUESTIONS HAS PUBLISHED A SPECIAL REPORT ON "ENVIRONMENTAL PROBLEMS OF THE RHINE." THE REPORT FINDS AN EFFECTIVE PURIFICATION OF THE RHINE, A MAJOR SOURCE OF DRINKING WATER FOR THE FEDERAL REPUBLIC, HAS NOT YET BEEN ACHIEVED. IT STATES THAT PLANNING AND COORDINATED EFFORTS FOR AREAS OF THE RHINE AS A WHOLE HAVE BEEN LACKING IN THE PAST. THE REPORT REGARDS THE RHINE AS A GERMAN PROBLEM AND FINDS ANTI-POLLUTION ACTIVITY SHOULD NOT BE POSTPONED WITH THE EXCUSE THAT ALL COUNTRIES ALONG THE RIVER MUST ACT AT THE SAME PACE. IT RECOMMENDS, AMONG OTHER THINGS, BUILDING MORE TWO-STAGE FULLY BIOLOGICAL PURIFICATION PLANTS FOR THE RHINE. IT FURTHER SUGGESTS DESIGNATING 11 AREAS ALONG THE RIVER AS NATURE PROTECTION ZONES AND MAKING THEM AVAILABLE FOR RECREATION. THE COUNCIL DIVIDED THE RHINE INTO FIVE POLLUTION GROUPS, ACCORDING TO THE NATURE OF POLLUTION AND DISCUSSED OTHER PROBLEMS AND POSSIBLE SOLUTIONS IN CONNECTION WITH THESE GROUPS.

GERMANY,FED REP OF "EFFORTS OF BASF TO DECREASE THE RHINE POLLUTION." ENVIRONMENT CANADA TRANSLATION 00ENV TR-1C06
ENGELHARDT, H., AND W. G. HALTRICH

EPA

PM(B) ENGLISH 00/00/76 PGS 1-19 ID# 03672A
ALSO ST AND SE

THIS REPORT DISCUSSES THE WATER AND SEWAGE MANAGEMENT PROBLEMS OF A LARGE CHEMICAL CONCERN USING THE GERMAN FIRM BASF (BADISCHE ANILIN UND SODA FABRIK) AS AN EXAMPLE. BASF FORMULATED A SEWAGE AND DRAINAGE REHABILITATION PLAN WITH THE AUTHORITIES IN 1964, WHICH STIPULATES THAT BY THE END OF 1974 THE COMPANY WILL HAVE CONSTRUCTED A SEPARATE SEWERAGE SYSTEM AND A MECHANICAL/BIOLOGICAL SEWAGE PURIFICATION PLANT. THE REPORT DESCRIBES THIS PLAN AND OTHER MEASURES TO MEET SEWAGE, WASTE AND WATER SUPPLY NEEDS. INDIVIDUAL SECTIONS DEAL WITH THE SEPARATE SEWAGE SYSTEM, IN-PLANT MEASURES TO IMPROVE SEWAGE CONDITIONS, PURIFICATION METHODS, DEVELOPMENT OF A NEUTRALIZATION PLANT, THE BIOLOGICAL PURIFICATION OF SEWAGE, NITROGEN SUPPLY, NITRATE CONTENT OF SEWAGE, PRESENT CONSTRUCTION STATUS OF THE SEPARATE SEWERAGE SYSTEM, AN EXPERIMENTAL PURIFICATION PLANT, AND THE COST OF THE REHABILITATION MEASURES. (THE ARTICLE ORIGINALLY APPEARED IN GWF: DAS GAS UND WASSERFACH - WASSER/ABWASSER, VOL. 111, NO. 9, 1970, PP. 499-505.)

WATER

GERMANY,FED REP OF

PM(8)

"PLANS AND PREPARATIONS FOR A JOINT SEWAGE TREATMENT PLANT BY BASF AND THE CITY OF LUDWIGSHAFEN." ENVIRONMENT CANADA TRANSLATION OOENV TR-1010
ENGELHARDT, H., AND W. HALTRICH EPA
ENGLISH 00/00/76 PGS 1-17 ID# 03673A
ALSO ST

THE GERMAN CHEMICAL PLANT BASF (BADISCHE ANILIN UND SODA FABRIK) PLANS TO REHABILITATE ITS WASTEWATER TREATMENT TECHNIQUES. IT WILL SEPARATE WITHIN ITS OWN FACILITIES THOSE WASTEWATERS REQUIRING TREATMENT FROM COOLING WATERS AND OTHER EFFLUENTS REQUIRING NO TREATMENT. THEN THE COMPANY'S WASTEWATERS WILL BE COMBINED WITH THOSE OF THE CITY OF LUDWIGSHAFEN. THE COMBINED WASTEWATERS WILL PASS THROUGH A TWO-STAGE NEUTRALIZATION AND THEN BE BIOLOGICALLY CLEANED. THIS PAPER DESCRIBES THE PREPARATORY WORK ALREADY CARRIED OUT TO ACCOMPLISH THIS. SECTIONS OF THE REPORT DEAL WITH: MEASURES TO IMPROVE WASTEWATER CONDITIONS IN-PLANT, THE CONCEPT OF A SEPARATE SEWERAGE SYSTEM FOR WATERS NEEDING TREATMENT, A SUITABLE TREATMENT PROCESS, SUSPENDED SUBSTANCES IN WASTEWATERS, REDUCED NITROGEN COMPOUNDS IN WASTEWATER, NITRATE CONTENT OF WASTEWATER, NEUTRALIZATION, AND THE PLANNED LAY-OUT OF THE TREATMENT PLANT. (THE GERMAN ORIGINAL ARTICLE APPEARED IN CHEMIE-INGENIEUR-TECHNIK, VOL. 40, NO. 6, 1968, PP. 275-279.)

GERMANY,FED REP OF

ST( )

"PURIFICATION OF NITRATE-CONTAINING INDUSTRIAL SEWAGE IN AN ACTIVATING PLANT WITH DENITRIFICATION STAGE." ENVIRONMENT CANADA TRANSLATION OOENV TR-1001
HALTRICH, WALTER EPA
ENGLISH 00/00/76 PGS 1-23 ID# 03670A

THIS PAPER DISCUSSES BIOLOGICAL NITRATE ELIMINATION EXPERIMENTS CARRIED OUT ON THE SEWAGE OF A LARGE CHEMICAL WORKS. IT WAS FOUND THAT THE BIOLOGICALLY POLLUTED SEWAGE COULD BE PERFECTLY PURIFIED BY THE ACTIVATING METHOD IF THE NITRATE WAS REMOVED IN AN INITIAL, UNAERATED STAGE OF THE ACTIVATING TANK. THE NITRATE IS REMOVED THROUGH BACTERIAL DENITRIFICATION WHEN THE RAW SEWAGE, CONTAINING THE NITRATE AND HYDROGEN DONORS NECESSARY TO THE PROCESS, IS MIXED WITH THE RETURN SLUDGE. THE ACTIVATED SLUDGE IS SUBSEQUENTLY AERATED, FACILITATING THE DECOMPOSITION OF ORGANIC RESIDUES. AT THE SAME TIME THAT THE NITROGEN GAS IS BLOWN FROM THE SLUDGE, NITRATE ELIMINATION DEPENDS ON THE NITRATE OXYGEN SLUDGE LOAD AND AN ADEQUATE SUPPLY OF ORGANIC SUBSTANCES. (THE GERMAN LANGUAGE ORIGINAL OF THE PAPER MAY BE FOUND IN MUENCHENER BEITRAEGE ZUR ABWASSER-, FISCHEREI- UND FLUSSBIOLOGIE, VOL. 22, 1971, PP. 92-107.)

WATER

GERMANY,FED REP OF

"CONTRIBUTION TO THE DETERMINATION OF ORGANICALLY BOUND CARBON IN WATERS. I. MANUAL METHOD." ENVIRONMENT CANADA TRANSLATION OOENV-994
ABRAHAMCZIK, E., AND OTHERS
ENGLISH 00/00/76 PGS 1-11 EPA ID# 03671A

ST( )

ORGANIC COMPONENTS IN WATERS MAY BE DETERMINED ACCORDING TO THEIR CONTENT IN ORGANICALLY BOUND CARBON. THIS METHOD IS PARTICULARLY SUITED AS A MEASURE FOR THE TOTAL CONTENT OF ORGANIC SUBSTANCE, IN CONTRAST TO THE BOD AND COD MEASURES. THIS REPORT DESCRIBES IN DETAIL THE MANUAL DETERMINATION OF DISSOLVED, ORGANICALLY BOUND CARBON IN WATERS BY TITRATION OF THE CARBON DIOXIDE FORMED AFTER COMBINED WET-DRY COMBUSTION. DIAGRAMS PORTRAY THE DECOMPOSITION OR COMBUSTION PART OF THE CARBON-DETERMINING APPARATUS AS WELL AS THE ABSORPTION OR TITRATION SECTION AND INDIVIDUAL PARTS OF THE ABSORPTION OR TITRATION SECTION. A BIBLIOGRAPHY IS APPENDED. (THE GERMAN LANGUAGE ORIGINAL OF THIS REPORT MAY BE FOUND IN VOM WASSER, VOL. 37, 1970, PP. 82-91.)

INTERNATIONAL

"THERE WILL NOT BE A CONSISTENT CHEMICAL CONVENTION FOR THE RHINE."
STUTTGARTER ZEITUNG
GERMAN 04/05/76 PGS 2 EPA ID# 03626A

PM(B)

AT ITS MEETING IN PARIS, THE COMMISSION FOR PROTECTION OF THE RHINE, COMPOSED OF MEMBERS FROM FRANCE, THE FEDERAL REPUBLIC OF GERMANY, HOLLAND AND LUXEMBURG, DEVELOPED A CONVENTION DESIGNED TO REDUCE CHEMICAL POLLUTION OF THE RHINE. THE CONVENTION IS, HOWEVER, MUCH LESS STRINGENT THAN HOLLAND HAD DESIRED. IT OBSERVES EUROPEAN COMMUNITIES STANDARDS AND SETS EMISSIONS, BUT NOT AMBIENT QUALITY, THRESHOLDS FOR CHEMICALS IN THE WATER. THE CONVENTION CONTAINS A "BLACK LIST" OF HIGHLY TOXIC SUBSTANCES, A "GRAY LIST" FOR EASILY DEGRADABLE SUBSTANCES AND A "BEIGE LIST" FOR LESS HARMFUL MATTER. THE EXACT DISCHARGE LIMITS FOR THESE MATERIALS HAVE YET TO BE SET. THE PROBLEMS OF THERMAL POLLUTION OF THE RHINE AND OF POTASH SALT POLLUTION, ESPECIALLY IN THE AREA AROUND ALSACE, WERE NOT SETTLED DURING THE MEETING. THE CHEMICAL CONVENTION MAY BE SIGNED AT THE COMMISSION'S NEXT MEETING IN MAY AT BERN, AT WHICH TIME THE OTHER PROBLEMS MAY BE FURTHER DISCUSSED.

INTERNATIONAL

FIRST SOVIET-SWEDISH SYMPOSIUM ON THE POLLUTION OF THE BALTIC
SWEDEN, ROYAL SWEDISH ACADEMY OF SCIENCES EPA
ENGLISH* 11/15/72 PGS 1-126 ID# 03653A
*ALSO RUSSIAN

PM(B)

THIS BOOKLET CONTAINS REPORTS GIVEN BY SWEDISH AND SOVIET EXPERTS AT THE FIRST SOVIET-SWEDISH SYMPOSIUM ON THE POLLUTION OF THE BALTIC HELD IN STOCKHOLM, SEPTEMBER 8-10, 1971. LECTURES IN THE FOLLOWING FIELDS ARE INCLUDED: HYDROLOGY AND HYDROCHEMISTRY; POLLUTION STATISTICS; BIOLOGICAL EFFECTS OF POLLUTION; RESEARCH METHODS; MATHEMATICAL MODELS; AND OIL POLLUTION. THE PARTICIPANTS RECOMMENDED TO THEIR RESPECTIVE GOVERNMENTS THE INTENSIFICATION OF SCIENTIFIC EFFORTS IN SOLVING THE PROBLEMS INVOLVED BY PROMOTING THE EXCHANGE OF SCIENTISTS AND PERTINENT INFORMATION, BY INVESTIGATING THE POSSIBILITIES OF A CLOSER COOPERATION IN RESEARCH PROJECTS, AND BY ENCOURAGING NECESSARY CONTACTS WITH EXISTING BODIES WORKING WITHIN THE SAME FIELD OF INTEREST.

WATER

INTERNATIONAL

"CLEANING UP ONE'S OWN DOORSTEP." LE MONDE
AMBROISE-RENDU, MARC
EPA
PH(B) FRENCH 05/27/76 PGS 33 ID# 03662A

THE ENVIRONMENTAL MINISTERS OF FRANCE, WEST GERMANY, LUXEMBOURG, SWITZERLAND AND THE NETHERLANDS SIGNED AN AGREEMENT ON MAY 25, 1976 CONCERNING THE REDUCTION OF SALT DISCHARGES CONTAINED IN INDUSTRIAL EFFLUENTS. THIS CONFERENCE WAS ONE OF A SERIES DEALING WITH THE CONTROL OF POLLUTION IN THE RHINE RIVER SINCE THE CREATION OF THE INTERNATIONAL COMMISSION FOR THE PROTECTION OF THE RHINE IN 1963. AN EARLIER CONFERENCE DURING APRIL HAD ALSO CONCLUDED WITH AN ACCORD ON THE ESTABLISHMENT OF A TOXIC SUBSTANCES LIST FOR REGULATION PURPOSES. IN BOTH CASES, HOWEVER, THE NECESSARY FOLLOW-UP CONVENTION AND RATIFICATION AND IMPLEMENTATION PROCESSES ARE EXPECTED TO CONTINUE WELL INTO 1978. THE AUTHOR QUESTIONS THE JUDICIOUSNESS OF THE DELAY DURING WHICH 7.5 MILLION TONS OF SALT WILL CONTINUE TO BE DISCHARGED A YEAR.

ITALY

ASPETTI LEGISLATIVI AMMINISTRATIVI ISTITUZIONALI RELATIVI ALLA GESTIONE DELLE ACQUE IN ITALIA (LEGAL AND ADMINISTRATIVE ASPECTS OF WATER MANAGEMENT IN ITALY)
BURCHI, S., AND G. MASINA
EPA
LR(B) ITALIAN 00/00/74 PGS 1-389 ID# 03625A
ALSO PHB

THIS STUDY, SPONSORED BY THE INTERNATIONAL ASSOCIATION FOR WATER LAW, PROVIDES A COMPREHENSIVE PICTURE OF CURRENTLY VALID ITALIAN LEGISLATION DEALING WITH WATER RESOURCES MANAGEMENT. INCLUDED WITHIN THE SCOPE OF THE STUDY ARE: OWNERSHIP OF WATERS AND MODES OF ACQUISITION; WATER RIGHTS AND ISSUANCE OF WATER USE PERMITS; LEGISLATION ON BENEFICIAL USES AND HARMFUL EFFECTS OF WATER; LEGISLATION ON WATER USE, QUALITY, AND POLLUTION CONTROL; LEGISLATION ON RESTRICTED WATER ZONES OR AREAS; SPECIAL AND AUTONOMOUS WATER DEVELOPMENT AGENCIES; AND THE IMPLEMENTATION AND ADMINISTRATION OF WATER LAW. APPENDED TO THE STUDY IS A CHRONOLOGICAL LIST OF THE MAJOR ENACTMENTS CITED IN THE TEXT AND SIX ANNEXES WITH THE EXISTING STANDARDS FOR VARIOUS TYPES OF EFFLUENTS AND WASTEWATER.

NORWAY

KONTAKTUTVALGETS RAPPORT KRAFTUTBYGGING-NATURVERN OM VASSDRAG SOM BOR VERNES...
(CONTACT COMMITTEE REPORT ON POWER DEVELOPMENT AND NATURE PROTECTION ON PROTECTED WATERCOURSES)
EPA
PH(B) NORWEGIAN 00/00/71 PGS 1-203 ID# 03659A

THIS REPORT WAS SUBMITTED BY A CONTACT COMMITTEE, SET UP BY THE MINISTRY OF MUNICIPAL AFFAIRS AND LABOR ON A RECOMMENDATION FROM PARLIAMENT. THE REPORT DISCUSSES, IN GENERAL TERMS, THE CONFLICT BETWEEN PRESERVING WATERCOURSES AND UTILIZING THEM FOR OTHER PURPOSES, FOR INSTANCE, POWER DEVELOPMENT. IT DISCUSSES THE NEED FOR PROTECTION AND THE BASIS FOR A PROTECTION PLAN. CONCESSION DENIALS AND CONSERVATION, COMPENSATION QUESTIONS AND TREATMENT OF PLANNING AND CONCESSION MATTERS, WHICH ARE NOT INCLUDED IN THE PROTECTION PLAN, ARE ALSO DEALT WITH. THE NEED FOR A PERMANENT CONTACT COMMITTEE IS RECOGNIZED. THE MAJORITY OF WATERCOURSES HAVE BEEN INDIVIDUALLY EVALUATED AND THE RESULTS AND RECOMMENDATIONS ARE INCLUDED. A CHART, ARRANGED ACCORDING TO COUNTIES, LISTS ALL NORWEGIAN WATERCOURSES AND THE COMMITTEE'S RECOMMENDATIONS IN EACH CASE. A MAP OF THEIR GEOGRAPHICAL LOCATION IS INCLUDED.

WATER

ROMANIA

"HYDROGRAPHIC SYSTEMS, FLOOD PROTECTION PLANNED FOR 1976-1990." JPRS TRANSLATIONS ON EASTERN EUROPE, ECONOMIC AND INDUSTRIAL AFFAIRS, NO. 1451
PODANI, MIRCEA
EPA
PH(B) ENGLISH 03/26/76 PGS 29-33 ID# 03667A
ALSO PHA AND SE

WITH REFERENCE TO THE 1974 ROMANIAN WATER LAW AND THE 1975 DECREE CREATING THE NATIONAL WATER COUNCIL, THE WATER BASIN DIRECTORATES AND THE COUNTRY WATER MANAGEMENT OFFICES, THIS ARTICLE DESCRIBES THE ADMINISTRATIVE AND ECONOMIC MEASURES WHICH HAVE BEEN TAKEN BY THE ROMANIAN GOVERNMENT FOR THE USE, PROTECTION AND CONTROL OF WATER RESOURCES IN ROMANIA. IN 1975 THE NATIONAL WATER COUNCIL FORMULATED AND THE CENTRAL COMMITTEE APPROVED THE AMPLY FUNDED NATIONAL PROGRAM FOR THE MANAGEMENT OF HYDROGRAPHIC SYSTEMS UP TO THE YEAR 1990. ALTHOUGH THE IMMEDIATE CONCERNS OF ESTABLISHING WARNING SYSTEMS FOR THE PREDICTION AND PREVENTION OF FLOODS IS THE CHIEF FOCUS OF THE ARTICLE, OTHER ASPECTS OF THE PROGRAM INCLUDING WASTEWATER TREATMENT AND POLLUTION CONTROL ARE ALSO DISCUSSED. (THE ROMANIAN LANGUAGE ORIGINAL OF THIS ARTICLE FIRST APPEARED IN REVISTA ECONOMICA, NO. 5 OF FEBRUARY 6, 1975, PP 9-10, 32.)

SCANDINAVIA

"ALGAL ASSAYS IN WATER POLLUTION RESEARCH." NORDFORSK SECRETARIAT OF ENVIRONMENTAL SCIENCES PUBLICATION 1973:2
EPA
ST( ) ENGLISH 00/00/73 PGS 1-128 ID# 03658A
ALSO PHB

THIS BOOKLET CONTAINS THE PAPERS PRESENTED AT THE NORDIC SYMPOSIUM ARRANGED AT THE NORWEGIAN INSTITUTE FOR WATER RESEARCH (NIVA) IN COOPERATION WITH THE SCANDINAVIAN COUNCIL FOR APPLIED RESEARCH (NORDFORSK) ON OCTOBER 25-26, 1972. THE PAPERS WERE DIVIDED INTO FOUR MAJOR CATEGORIES: METHODS IN USE; SPECIFIC METHODOLOGICAL PROBLEMS; PRESENTATIONS OF RESULTS; AND POSSIBILITIES AND LIMITATIONS OF ALGAL ASSAY PROCEDURE. THE SYMPOSIUM AIMED AT GIVING A PICTURE OF THE EXTENT AND DIRECTION OF ALGAL ASSAY APPLICATION IN SCANDINAVIA, TO OFFER SCIENTISTS ENGAGED IN THIS FIELD AN OPPORTUNITY TO EXCHANGE INFORMATION, AND TO ASSESS THE POSSIBILITIES FOR INTERCALIBRATING METHODS IN SUCH A WAY AS TO ACHIEVE COMPATIBILITY OF RESULTS. A CONCRETE RESULT OF THE SYMPOSIUM WAS THE ESTABLISHMENT OF AN INTERCALIBRATION ROUTINE FOR ALGAL ASSAY UNDER THE AUSPICES OF THE WORKING GROUP ON EUTROPHICATION STUDIES.

WATER

SWEDEN "DECISION BY THE NATIONAL ENVIRONMENT PROTECTION BOARD - APPLICANT: KARLSHAMN VEGETABLE OIL FACTORY, LTD." ENVIRONMENT CANADA TRANSLATION ODENV TR - 986
SWEDEN. NATIONAL SWEDISH ENVIRONMENT PROTECTION BOARD EPA
LR(B) ENGLISH 00/00/74 PGS 1-23 ID# 03655A
*GENERAL SOLID WASTE AIR TOXIC SUBS

SWEDEN "DECISION BY THE NATIONAL ENVIRONMENT PROTECTION BOARD - APPLICANT: LJUNGBERGS TEXTILE PRINTING COMPANY LTD." ENVIRONMENT CANADA TRANSLATIONS ODENV TR - 987
EPA
LR(B) ENGLISH 00/00/75 PGS 1-9 ID# 03656A

THIS BOOKLET PRESENTS THE CASE OF THE LJUNGBERGS TEXTILE PRINTING COMPANY, WHICH APPLIED TO THE NATIONAL ENVIRONMENT PROTECTION BOARD FOR CONSENT TO CONNECT INDUSTRIAL AND SANITARY WASTEWATER TO THE MUNICIPAL SEWAGE TREATMENT PLANT IN THE COMMUNITY OF FLODA, LERUM MUNICIPALITY, ALVSBORG PROVINCE. IN ACCORDANCE WITH THE NATIONAL ENVIRONMENT PROTECTION ACT. AT THE SAME TIME, THE MUNICIPALITY OF LERUM SOUGHT PERMISSION TO RELEASE THE TREATED WASTEWATER INTO THE SAVE RIVER. THE PRODUCTION, PROCESS, AND WASTEWATER AT THE COMPANY ARE DESCRIBED. STATEMENTS FROM THE PROVINCIAL ADMINISTRATION, THE FISHERIES BOARD, AND THE PUBLIC HEALTH COMMITTEE ARE INCLUDED, EXPRESSING THE OPINION THAT THE PLANNED MEASURES CLEARLY ARE AN IMPROVEMENT. FORMERLY, WASTEWATER WAS RELEASED WITHOUT PRIOR TREATMENT. THE ENVIRONMENT PROTECTION BOARD GIVES ITS CONSENT PROVIDED THAT CERTAIN STIPULATED CONDITIONS ARE FULFILLED. THE DECISION OF THE BOARD IS NOT SUBJECT TO APPEAL.

SWEDEN MANAGEMENT OF LAND AND WATER RESOURCES: INFORMATION TO THE UNITED NATIONS CONFERENCE ON THE HUMAN ENVIRONMENT
SWEDEN. MINISTRY OF PHYSICAL PLANNING AND LOCAL GOVERNMENT EPA
PM(B) ENGLISH 03/00/72 PGS 1-74 ID# 03650A
*LAND USE

SWEDEN REPORT ON WATER QUALITY CRITERIA FOR SWEDISH SURFACE WATERS: SUMMARY
SWEDEN. NATIONAL SWEDISH NATURE CONSERVANCY OFFICE EPA
PM(B) ENGLISH 04/00/69 PGS 1-9 ID# 03689A

A SPECIAL COMMITTEE COMMISSIONED BY THE NATIONAL SWEDISH NATURE CONSERVANCY OFFICE PRESENTS IN THIS REPORT A SYSTEM FOR JUDGING THE QUALITY OF SURFACE WATERS IN SWEDEN. FOLLOWING AN INTRODUCTION TO THE PROBLEM, THE REPORT IS DIVIDED INTO FOUR MAIN SECTIONS DEALING WITH BATHING, PUBLIC WATER SUPPLIES, FISHING AND GENERAL ASPECTS OF POLLUTION. FOUR APPENDIXES SHOW SUGGESTED SURFACE WATER CRITERIA FOR BATHING PURPOSES, SUGGESTED SURFACE WATER CRITERIA FOR PUBLIC WATER SUPPLIES, SUGGESTED SURFACE WATER CRITERIA FOR FISHING PURPOSES, AND SUGGESTED CLASSIFICATION OF SURFACE WATER WITH RESPECT TO EFFECTS CAUSED BY POLLUTION.

WATER

SWITZERLAND

"JANUARY 24, 1973 REGULATIONS FOR THE IMPLEMENTATION OF THE FEDERAL LAW ON THE PROTECTION OF WATER FROM POLLUTION." LEGISLATION GENEVOISE--RECUEIL SYSTEMATIQUE, VOL. 9

EPA

LR(A) FRENCH 00/00/73 PGS 1-4 ID# 3C362K

THESE REGULATIONS, ISSUED BY THE CANTON OF GENEVA IN PURSUANCE OF SECTION 5 OF THE OCTOBER 8, 1971 FEDERAL LAW ON THE PROTECTION OF WATER AGAINST POLLUTION, DESIGNATE THE DEPARTMENT OF PUBLIC WORKS AS THE COMPETENT AUTHORITY FOR THE IMPLEMENTATION OF THE ABOVE-MENTIONED FEDERAL LAW. A CANTONAL COMMISSION ON WATER PROTECTION IS ESTABLISHED; IT IS TO GIVE ITS VIEWS TO THE DEPARTMENT OF PUBLIC WORKS ON ALL PROBLEMS RELATING TO THE IMPLEMENTATION OF THE SAID LAW. THE STATE COUNCIL IS RESPONSIBLE FOR APPROVING THE MASTER SEWERAGE PLAN AND THE GROUNDWATER PROTECTION CHART. VARIOUS PROVISIONS ARE ALSO LAID DOWN CONCERNING THE PROTECTION OF GROUNDWATER.

* U. S. GOVERNMENT PRINTING OFFICE :1976--210-801/420

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